Name _____

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Lesson 1 – Addition of Doubles to 10

Worksheet A

1. Write the sum of each addition sentence.

a) 3 + 3 = 6 b) 1 + 1 = 2 c) 5 + 5 = 10

d) 4 + 4 = 8 e) 0 + 0 = 0 f) 2 + 2 = 4

g) 5 + 5 = 10 h) 4 + 4 = 8 i) 1 + 1 = 2

2. Describe how knowing that 2 + 2 = 4 could help you quickly add 2 + 3.

You are just adding one more so 2+3=5

3. Write the missing addend or sum to prove each equation.

a) 4 + 4 = 8 b) 3 + 3 = 6 c) 7 + 7 = 14

d) 5 + 5 = 10 e) 2 + 2 = 4 f) 1 + 1 = 2

g) 4 + 4 = 8 h) 4 + 4 = 8 i) 5 + 5 = 10

4. Complete each double number family.

a) 2 + 2 = 4 b) 5 + 5 = 10 c) 3 + 3 = 6

4 - 2 = 2 10 - 5 = 5 6 - 3 = 3

5. What pattern do you notice when adding doubles?

When adding doubles you know that sentences switched around you can have the same answer. Eg 3+3=6 6-3=3

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Lesson 1 – Addition of Doubles to 10

Worksheet B

1. Write the sum of each addition sentence.

a) 3 + 3 = 6 b) 1 + 1 = 2 c) 5 + 5 = 10

d) 4 + 4 = 8 e) 2 + 2 = 4 f) 2 + 2 = 4

g) 5 + 5 = 10 h) 0 + 0 = 0 i) 4 + 4 = 8

2. Describe how knowing that 5 + 5 = 10 could help you quickly add 5 + 6.

You are just adding one more so 5+6 = 11

3. Write the missing addend or sum to prove each equation.

a) 4 + 4 = 8 b) 0 + 0 = 0 c) 5 + 5 = 10

d) 5 + 5 = 10 e) 2 + 2 = 4 f) 1 + 1 = 2

g) 4 + 4 = 8 h) 3 + 3 = 6 i) 2 + 2 = 4

4. Complete each number family.

a) 5 + 5 = 10 b) 4 + 4 = 8 c) 3 + 3 = 6

10 - 5 = 5 8 - 4 = 4 6 - 3 =

5. What pattern do you notice when adding doubles?

When you add doubles you know that sentences switched around some numbers in the family you get the same answer. Eg 3+3=6 6-3=3

Name _____

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Lesson 1 – Addition of Doubles to 10

Worksheet C

1. Write the sum of each addition sentence.

a) 3 + 3 = 6 b) 1 + 1 = 2 c) 5 + 5 = 10

d) 4 + 4 = 8 e) 6 + 6 = 12 f) 2 + 2 = 4

g) 9 + 9 = 18 h) 7 + 7 = 14 i) 8 + 8 = 16

2. Describe how knowing that 9 + 9 = 18 could help you quickly add 10 + 10.

You are adding 2 more so 10+10 = 20

3. Write the missing addend or sum to prove each equation.

a) 4 + 4 = 8 b) 6 + 6 = 12 c) 7 + 7 = 14

d) 5 + 5 = 10 e) 2 + 2 = 4 f) 1 + 1 = 2

g) 9 + 9 = 18 h) 7 + 7 = 14 i) 8 + 8 = 16

4. Complete each number family.

a) 7 + 7 = 14 b) 8 + 8 = 16 c) 9 + 9 = 18

14 - 7 = 7 16 - 8 = 8 18 - 9 = 9

5. What pattern do you notice when adding doubles?

When adding doubles you know that the sums switched around can have the same answer. Eg 3+3=6 6-3=3

Name _____

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Lesson 1 – Addition of Doubles to 10

Worksheet D

1. Write the sum of each addition sentence.

a) 3 + 3 = 6 b) 1 + 1 = 2 c) 5 + 5 = 10

d) 4 + 4 = 8 e) 6 + 6 = 12 f) 2 + 2 = 4

g) 9 + 9 = 18 h) 7 + 7 = 14 i) 8 + 8 = 16

2. Describe how knowing that 9 + 9 = 18 could help you quickly add 10 + 10.

You are adding 2 more so 10+10 = 20

3. Write the addition sentence for each of the sums.

a) 18 = 9 + 9 b) 14 = 7 + 7 c) 12 = 6 + 6

d) 10 = 5 + 5 e) 6 = 3 + 3 f) 4 = 2 + 2

g) 8 = 4 + 4 h) 2 = 1 + 1 i) 16 = 8 + 8

4. Complete each number family.

a) 7 + 7 = 14 b) 8 + 8 = 16 c) 9 + 9 =

14 - 7 = 7 16 - 8 = 8 18 - 9

5. What pattern do you notice when adding doubles?

When adding doubles the number family can be reversed and just the sum changes the equation. Eg 3+3=6 6-3=3

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Lesson 2- Addition Facts to 10
Worksheet A

1. Write the sum of each number sentence.

a) 2 + 2 = 4 b) 2 + 3 = 5 c) 5 + 4 = 9 d) 3 + 7 = 10

e) 5 + 3 = 8 f) 7 + 2 = 9 g) 2 + 8 = 10 h) 7 + 1 = 8

i) 9 + 1 = 10 j) 6 + 1 = 7 k) 4 + 0 = 4 l) 6 + 3 = 9

2. Write the related facts for each picture.

a) 

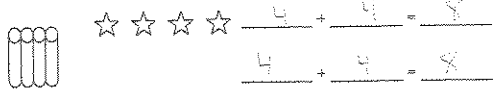
4 + 3 = 7

3 + 4 = 7

b) 

6 + 4 = 10

4 + 6 = 10

c) 

4 + 4 = 8

4 + 4 = 8

3. List all of the facts (include all family facts) that have the sum of 6.

0 + 6 = 6 6 + 0 = 6 1 + 5 = 6 5 + 1 = 6

4 + 2 = 6 2 + 4 = 6 3 + 3 = 6

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Lesson 2- Addition Facts to 10
Worksheet B

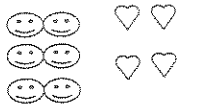
1. Write the sum or addend of each number sentence.

a) 7 + 3 = 10 b) 2 + 5 = 7 c) 3 + 4 = 7 d) 3 + 5 = 8

e) 5 + 5 = 10 f) 7 + 2 = 9 g) 8 + 2 = 10 h) 4 + 2 = 6

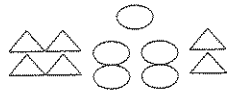
i) 1 + 8 = 9 j) 3 + 6 = 9 k) 1 + 7 = 8 l) 6 + 4 = 10

2. Write the related facts for each picture.

a) 

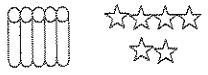
6 + 4 = 10

4 + 6 = 10

b) 

6 + 5 = 11

5 + 6 = 11

c) 

5 + 6 = 11

6 + 5 = 11

3. List all of the facts (include all family facts) that have the sum of 8.

0 + 8 = 8 7 + 1 = 8 2 + 6 = 8 3 + 5 = 8

4 + 4 = 8 5 + 3 = 8 6 + 2 = 8

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Lesson 2- Addition Facts to 10
Worksheet C

1. Write the sum or addend for each number sentence.

a) 7 + 3 = 10 b) 2 + 5 = 7 c) 5 + 4 = 9 d) 2 + 1 = 3

e) 6 + 4 = 10 f) 7 + 2 = 9 g) 3 + 6 = 9 h) 4 + 2 = 6

i) 2 + 8 = 10 j) 4 + 6 = 10 k) 6 + 2 = 8 l) 3 + 2 = 5

2. Draw a picture to represent each fact. Write the related fact.

a) 

3 + 7 = 10

7 + 3 = 10

b) 

2 + 3 = 5

3 + 2 = 5

c) 

1 + 6 = 7

6 + 1 = 7

3. List all of the facts (include all family facts) that have the sum of 10.

0 + 10 = 10 9 + 1 = 10 2 + 8 = 10 5 + 5 = 10 4 + 6 = 10

5 + 5 = 10 6 + 4 = 10 7 + 3 = 10 8 + 2 = 10

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Lesson 2- Addition Facts to 10
Worksheet D

1. Write the sum or addend for each number sentence.

a) 7 + 3 = 9 b) 2 + 0 = 2 c) 3 + 4 = 7 d) 2 + 6 = 8

e) 6 + 4 = 10 f) 7 + 0 = 7 g) 3 + 6 = 9 h) 7 + 2 = 9

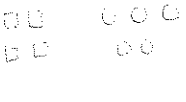
i) 1 + 8 = 9 j) 2 + 8 = 10 k) 6 + 3 = 9 l) 2 + 5 = 7

2. Draw a picture to represent each fact. Write the related fact.

a) 

9 + 1 = 10

1 + 9 = 10

b) 

4 + 5 = 9

5 + 4 = 9

c) 

4 + 6 = 10

6 + 4 = 10

3. List all of the facts (include all family facts) that have the sum of

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Lesson 3 – Subtraction Facts to 10
Worksheet A

1. Find the difference for each fact.

a) 7 - 4 = 3 b) 10 - 6 = 4 c) 8 - 4 = 4 d) 8 - 7 = 1

d) 5 - 2 = 3 e) 7 - 4 = 3 f) 9 - 9 = 0 g) 7 - 2 = 5

h) 9 - 8 = 1 i) 8 - 6 = 2 j) 10 - 9 = 1 k) 8 - 6 = 2

2. Solve the difference for each number sentence and write the related subtraction sentence.

a) 10 - 7 = 3
10 - 3 = 7
7 - 7 = 2

b) 9 - 2 = 7
9 - 7 = 2

c) 10 - 8 = 2
10 - 2 = 8

d) 8 - 6 = 2
8 - 2 = 6

e) 9 - 5 = 4
9 - 4 = 5

f) 8 - 5 = 3
8 - 3 = 5

3. Solve the difference for each fact, then write the strategy for the group of facts.

a) 3 -3 = 0 b) 10 -10 = 0 c) 6 - 6 = 0 d) 8 - 8 = 0

Strategy:
When subtracting one number by the same number, the difference is always 0.

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Lesson 3 – Subtraction Facts to 10
Worksheet B

1. Solve the difference for each number sentence and write the family facts.

a) 10 - 7 = 3
10 - 3 = 7
7 + 3 = 10
3 + 7 = 10

b) 6 - 4 = 2
6 - 2 = 4
4 + 2 = 6
2 + 4 = 6

c) 10 - 2 = 8
10 - 8 = 2
2 + 8 = 10
8 + 2 = 10

d) 8 - 6 = 2
8 - 2 = 6
6 + 2 = 8
2 + 6 = 8

e) 9 - 5 = 4
9 - 4 = 5
4 + 5 = 9
5 + 4 = 9

f) 9 - 8 = 1
9 - 1 = 8
8 + 1 = 9
1 + 8 = 9

2. Solve the difference for each fact, then write the strategy for the group of facts.

a) 10 -6 = 4 b) 8 -5 = 3 c) 4 - 3 = 1 d) 10 - 4 = 6

Strategy:
Even numbers subtract even is always even. Even subtract odd is always odd.

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Lesson 3 – Subtraction Facts to 10
Worksheet C

1. Solve the difference for each number sentence and write the family facts.

a) 7 - 5 = 2
7 - 2 = 5
5 + 2 = 7
2 + 5 = 7

b) 7 - 5 = 2
7 - 2 = 5
2 + 5 = 7
5 + 2 = 7

c) 10 - 3 = 7
10 - 7 = 3
3 + 7 = 10
7 + 3 = 10

d) 10 - 1 = 9
10 - 9 = 1
9 + 1 = 10
1 + 9 = 10

e) 10 - 4 = 6
10 - 6 = 4
6 + 4 = 10
4 + 6 = 10

f) 9 - 4 = 5
9 - 5 = 4
5 + 4 = 9
4 + 5 = 9

2. Give an example of facts that will fit each strategy.

a) 3 - 3 = 0 b) 7 - 7 = 0 c) 8 - 8 = 0

Strategy: A number subtract itself is always 0.

d) 4 - 1 = 3 e) 7 - 1 = 6 f) 8 - 1 = 7

Strategy: A number subtract 1 is always one less.

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Lesson 3 – Subtraction Facts to 10
Worksheet D

1. Look at the cards and write the family of facts.

10	6	4

a) 10 - 6 = 4
10 - 4 = 6
6 + 4 = 10
4 + 6 = 10

9	8	1

b) 9 - 8 = 1
9 - 1 = 8
1 + 8 = 9
8 + 1 = 9

9	2	7

c) 9 - 2 = 7
9 - 7 = 2
7 + 2 = 9
2 + 7 = 9

4	5	9

d) 9 - 4 = 5
9 - 5 = 4
5 + 4 = 9
4 + 5 = 9

8	2	6

e) 8 - 2 = 6
8 - 6 = 2
6 + 2 = 8
2 + 6 = 8

2	5	7

f) 7 - 2 = 5
7 - 5 = 2
2 + 5 = 7
5 + 2 = 7

2. Write down a subtraction strategy and give 3 examples to show how the strategy works.

a) 9 - 8 = 1 b) 8 - 7 = 1 c) 6 - 5 = 1

Strategy:
6 number subtract one less from itself is always

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Name _____

Lesson 4 – Problem Solving Date _____

Worksheet A

Use the chart to solve each problem. Use the 5-step method to work through each problem.

Movie	Number of Students
Cheaper by the Dozen	4
Home Alone	5
Shrek	10
Chicken Little	7
Other	8

1. Raina and Noel surveyed the students in Grade 2 to find out favorite movies.

a) How many people preferred Shrek to Cheaper by the Dozen?

Step 1 –Key numbers? Shrek – 10 , Cheaper by the dozen – 4

Step 2 –Number Sentence? Subtract. 10 − 4

Step 3 –Answer? 6

Step 4– Sentence There were 6 people who preferred Shrek to Cheaper by the Dozen

Step 5 – Check your answer (Hint – Use addition to check!)

4 + 6 = 10

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b) How many people voted for Chicken Little and Home Alone?

Step 1 –Key numbers? Chicken Little – 7 , Home Alone – 5

Step 2 –Number Sentence? add. 7 + 5

Step 3 –Answer? 12

Step 4– Sentence There were 12 people who voted for Chicken Little and Home Alone.

Step 5 – Check your answer (Hint – Use subtraction to check!)

12 − 5 = 7 12 − 7 = 5

c) How many more students chose Shrek to Chicken Little?

Step 1 –Key numbers? Shrek – 10 , Chicken Little – 7

Step 2 –Number Sentence? Subtract. 10 − 7

Step 3 –Answer? 3

Step 4– Sentence There were 3 students who chose Shrek to Chicken Little

Step 5 – Check your answer (Hint – Use addition to check!)

3 + 7 = 10

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Name _____

Lesson 4 – Problem Solving Date _____

Worksheet B

Use the chart to solve each problem. Use the 5-step method to work through each problem.

Month	Number of Students
January	4
March	6
July	8
August	12
September	6

1. Aiden and Ahmed surveyed the students in their class to find out what month they had their birthdays.

a) How many students had their birthdays in January and September?

Step 1 –Key numbers? January – 4 , September – 6

Step 2 –Number Sentence? add 6 + 4

Step 3 –Answer? 10

Step 4– Sentence There were 10 students who had their birthdays in January and September.

Step 5 – Check your answer (Hint – Use subtraction to check!)

10 − 4 = 6

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b) How many more students have birthdays in August compared to July?

Step 1 –Key numbers? August – 12 , July – 8

Step 2 –Number Sentence? Subtract 12 − 8

Step 3 –Answer? 4

Step 4– Sentence Four more students have their birthdays in August compared to July.

Step 5 – Check your answer (Hint – Use addition to check!)

8 + 4 = 12

c) How many students are in the class? (Aiden and Ahmed are included in the survey)

Step 1 –Key numbers? 4, 6, 8, 12, 6

Step 2 –Number Sentence? add 4 + 6 + 8 + 12 + 6

Step 3 –Answer? 36

Step 4– Sentence There are 36 students in the class.

Step 5 – Check your answer (Hint – Use subtraction to check!)

check!

Name _____

Lesson 4 – Problem Solving Date _____
Worksheet C

Use the chart to solve each problem. Use the 5-step method to work through each problem.

Movie	Number of Students
Cheaper by the Dozen	4
Home Alone	5
Shrek	10
Chicken Little	7
Other	8

1. Raina and Noel surveyed the students in Grade 3 to find out favorite movies. See worksheet A

a) How many people preferred Shrek to Cheaper by the Dozen?

Step 1 –

Step 2 –

Step 3 –

Step 4–

Step 5 –

b) How many people voted for Chicken Little and Home Alone?
See worksheet A

Step 1 –

Step 2 –

Step 3 –

Step 4–

Step 5 –

c) How many students did Raina and Joel survey?

Step 1 – 4, 5, 10, 7, 8

Step 2 – addition

Step 3 –
$$\begin{array}{r} 4 \\ 5 \\ 10 \\ 7 \\ +\ 8 \\ \hline 34 \end{array}$$

Step 4–

Raina and Joel surveyed 34 students

Step 5 – check!

Name _____

Lesson 4 – Problem Solving Date _____
Worksheet D

Use the chart to solve each problem. Use the 5-step method to work through each problem.

Month	Number of Students
January	4
March	6
July	8
August	12
September	6

1. Aiden and Ahmed surveyed the students in their class to find out what month they had their birthdays.

See worksheet D

a) How many students had their birthdays in January and September?

Step 1 –

Step 2 –

Step 3 –

Step 4–

Step 5 –

b) How many more students have birthdays in August compared to July? See worksheet B

Step 1 –

Step 2 –

Step 3 –

Step 4–

Step 5 –

c) How many students are in the class? (Aiden and Ahmed are included in the survey) See worksheet F

Step 1 –

Step 2 –

Step 3 –

Step 4–

Step 5 –

Name _____

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Lesson 5 – Addition Without Regrouping
Worksheet A

1. Write the sum for each addition sentence.

a) 24 + 4 = 28

b) 17 + 2 = 19

c) 34 + 5 = 39

d) 42 + 4 = 46

e) 16 + 23 = 39

f) 78 + 20 = 98

g) 57 + 41 = 98

h) 26 + 53 = 79

2. Show each sum using base-10 blocks. Explain how to add each equation.

a) 35 + 24 = 59

b) 28 + 11 = 39

c) 62 + 15 = 77

d) 47 + 51 = 98

3. Estimate by rounding each number to the nearest 10. Then calculate the actual sum.

a) 17 + 22 = 39 (20 + 20 = 40)

b) 26 + 31 = 57 (30 + 30 = 60)

c) 51 + 46 = 97 (50 + 50 = 100)

4. Use 5 step method to solve:

a) Asia has 15 bubble gums. She placed money into the bubble gum machine and received 3 more gums. How many bubble gums does Asia have all together?

Step 1 – Numbers: 15, 3

Step 2 – Number Sentence : 15 + 3 = 18

Step 3 - Answer 18

Step 4- Sentence Asia has 18 bubblegums altogether

Step 5 - Check (Prove your answer – prove by subtracting)

18 - 3 = 15

b) Harlon won 25 tickets to the movie theater by competing in a radio contest. He already bought 13 tickets for all of his friends. How many tickets does Harlon have now?

Step 1 – Numbers: 25, 13

Step 2 – Number Sentence : 25 + 13 = 38

Step 3 - Answer 38

Step 4 - Sentence Harlon now has 38 tickets

Step 5 - Check (Prove your answer) 38 – 13 = 25

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Lesson 5 – Addition Without Regrouping
Worksheet B

1. Write the sum for each addition sentence.

a) 24 + 4 = 28

b) 17 + 42 = 59

c) 34 + 35 = 69

d) 42 + 24 = 66

e) 56 + 23 = 79

f) 48 + 20 = 68

g) 57 + 41 = 98

h) 26 + 12 = 38

2. Show each sum using base-10 blocks. Explain how to add each equation.

a) 35 + 24 = 59

b) 28 + 11 = 39

c) 42 + 25 = 67

d) 17 + 31 = 48

3. Estimate by rounding each number to the nearest 10. Then calculate the actual sum.

a) 17 + 62 = 79 (20 + 60 = 80)

b) 26 + 31 = 57 (30 + 30 = 60)

c) 45 + 54 = 99 (50 + 50 = 100)

4. Use 5 step method to solve:

a) Asia has 25 bubble gums. She placed money into the bubble gum machine and received 22 more gums. How many bubble gums does Asia have all together?

Step 1 – Numbers 25, 22

Step 2 – Number Sentence 25 + 22 = 47

Step 3 - Answer 47

Step 4 - Sentence Asia has 47 bubblegums altogether

Step 5 - Check 47 - 22 = 25

b) Harlon won 75 tickets to the movie theater by competing in a radio contest. He already bought 13 tickets for all of his friends. How many tickets does Harlon have now?

Step 1 – Numbers 75, 13

Step 2 – Number Sentence 75 + 13 = 88

Step 3 - Answer 88

Step 4 - Sentence Harlon now has 88 tickets

Step 5 - Check 88 - 75 = 13

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Lesson 5 – Addition Without Regrouping
Worksheet C

1. Write the sum for each addition sentence.

a) 24 + 34 = 58

b) 17 + 82 = 99

c) 34 + 35 = 69

d) 42 + 24 = 66

e) 516 + 23 = 539

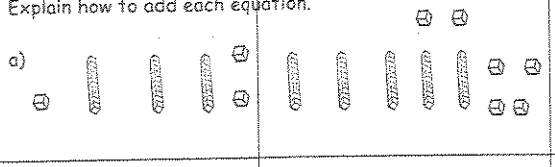
f) 428 + 20 = 448

g) 357 + 41 = 398

h) 226 + 153 = 379

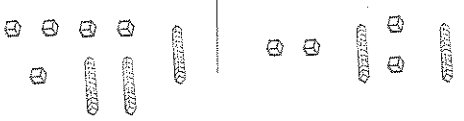
2. Write the equation that is represented by the base-10 blocks. Explain how to add each equation.

a)



Number Sentence: 33 + 25 = 58

b)



Number Sentence: 25 + 24 = 49

3. Estimate by rounding each number to the nearest 10. Then calculate the actual sum.

a) 17 + 22 = 39 (20 + 20 = 40)

b) 26 + 31 = 57 (30 + 30 = 60)

c) 51 + 46 = 97 (50 + 50 = 100)

4. Use 5 step method to solve:

a) Asia has 45 bubble gums. She placed money into the bubble gum machine and received 52 more gums. How many bubble gums does Asia have all together?

Step 1 - 45, 52

Step 2 - add. 45 + 52

Step 3 - 97

Step 4 - Asia has 97 bubblegums altogether.

Step 5 - 97 − 52 = 45

b) Harlon won 25 tickets to the movie theater by competing in a radio contest. He already bought 24 tickets for all of his friends. How many tickets does Harlon have now?

Step 1 - 25, 24

Step 2 - add 25 + 24

Step 3 - 49

Step 4 - Harlon now has 49 tickets

Step 5 - 49 − 24 = 25

Name _____

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Lesson 5 – Addition Without Regrouping
Worksheet D

1. Fill in a number to create an addition sentence with no regrouping. Find the sum of the equation you created. Answers may vary

Examples

a) 24 + 31 = 55

b) 17 + 82 = 99

c) 34 + 33 = 67

d) 42 + 24 = 66

e) 14 + 23 = 37

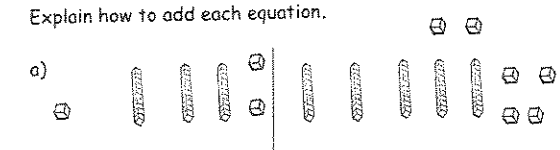
f) 25 + 52 = 77

g) 14 + 41 = 55

h) 55 + 55 = 110

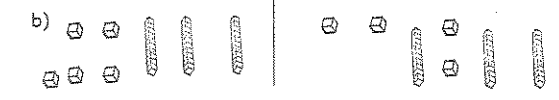
2. Write the equation that is represented by the base-10 blocks. Explain how to add each equation.

a)



Number Sentence: 33 + 25 = 58

b)



Number Sentence: 25 + 24 = 49

3. Estimate by rounding each number to the nearest 10. Then calculate the actual sum.

a) 17 + 62 = 79 (20 + 60 = 80)

b) 26 + 73 = 99 (30 + 70 = 100)

c) 41 + 54 = 95 (40 + 50 = 90)

4. Use 5 step method to solve:

a) Asia has 425 bubble gums. She placed money into the bubble gum machine and received 22 more gums. How many bubble gums does Asia have all together?

Step 1 - 425, 22

Step 2 - add. 425 + 22

Step 3 - 447

Step 4 - Asia has 447 bubblegums altogether.

Step 5 - 447 − 425 = 22

b) Harlon won 25 tickets to the movie theater by competing in a radio contest. He already bought 23 tickets for all of his friends. How many tickets does Harlon have now?

Step 1 - 25, 23

Step 2 - add 25 + 23

Step 3 - 48

Step 4 - Harlon now has 48 tickets.

Step 5 - 48 − 23 = 25

Name _____

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Lesson 6 – Addition With Regrouping
Worksheet A

1. Write the sum for each addition sentence.

a) 84 + 7 = 91

b) 17 + 59 = 76

c) 65 + 36 = 101

d) 38 + 21 = 59

e) 56 + 38 = 94

f) 28 + 83 = 111

g) 36 + 24 = 60

h) 78 + 13 = 91

2. Show each sum using base-10 blocks. Explain how to add each equation.

a) 35 + 76 = 111

b) 28 + 78 = 106

c) 46 + 25 = 71

d) 47 + 53 = 100

3. Estimate by rounding each number to the nearest 10. Then calculate the actual sum.

a) 77 + 23 = 100 (80 + 20 = 100)

b) 76 + 46 = 122 (80 + 50 = 130)

c) 58 + 86 = 144 (60 + 90 = 150)

4. Use 5 step method to solve:

a) Lily went to the Art Gallery to buy 2 paintings. The first painting she purchased cost $35. The second painting she purchased cost $17. How much did Lily spend at the Art Gallery?

Step 1 - Numbers: 35, 17

Step 2 - Number Sentence: 35 + 17

Step 3 - Answer: 52

Step 4 - Sentence: Lily spent $52 at the Art Gallery.

Step 5 - Check (Prove your answer - prove by subtracting) 52 − 17

b) There are 27 students in one grade 2 class and 26 students in the other grade 2 class. How many students are in grade 2?

Step 1 - Numbers: 27, 26

Step 2 - Number Sentence: 27 + 26

Step 3 - Answer: 53

Step 4 - Sentence: There are 53 students in grade 2.

Step 5 - Check (Prove your answer) 53 − 26 = 27

Name _____

Date _____

Lesson 6 – Addition With Regrouping
Worksheet B

1. Write the sum for each addition sentence.

a) 84 + 7 = 91

b) 17 + 59 = 76

c) 65 + 36 = 101

d) 387 + 214 = 601

e) 516 + 38 = 554

f) 428 + 583 = 1011

g) 367 + 245 = 612

h) 758 + 153 = 911

2. Show each sum using base-10 blocks. Explain how to add each equation.

a) 35 + 45 = 80

b) 98 + 18 = 116

c) 467 + 295 = 762

d) 217 + 659 = 876

3. Estimate by rounding each number to the nearest 10. Then calculate the actual sum.

a) 17 + 64 = 81 (20 + 60 = 80)

b) 26 + 66 = 92 (30 + 70 = 100)

c) 31 + 49 = 80 (30 + 50 = 80)

4. Use 5 step method to solve:

a) Lily went to the Art Gallery to buy 2 paintings. The first painting she purchased cost $43. The second painting she purchased cost $17. How much did Lily spend at the Art Gallery?

Step 1 - Numbers: 43, 17

Step 2 - Number Sentence: 43 + 17

Step 3 - Answer: 60

Step 4 - Sentence: Lily spent $60 at the Art Gallery.

Step 5 - Check (Prove your answer - prove by subtracting) 60 − 43 = 17

b) There are three grade 2 classes at West Park Elementary. 2A has 24 students, 2B has 21 students and 2C has 25 students. How many students are in grade 2 at West Park Elementary?

Step 1 - Numbers: 24, 21, 25

Step 2 - Number Sentence: 24 + 21 + 25

Step 3 - Answer: 70

Step 4 - Sentence: There are 70 students in grade 2.

Step 5 - Check (Prove your answer)

Name _____

Date _____

Lesson 6- Addition With Regrouping
Worksheet C

1. Estimate the sum for each addition sentence by rounding. Then calculate the actual sum.

a) 84 + 78 = 162

b) 17 + 46 = 63

c) 66 + 35 = 101

d) 42 + 98 = 140

e) 76 + 35 = 111

f) 48 + 82 = 130

g) 57 + 43 = 100

h) 246 + 86 = 332

2. Show each sum using base-10 blocks. Explain how to add each equation.

a) 35 + 85 = 120 — D 11

b) 28 + 23 = 51 — 11111 ◦

c) 64 + 38 = 102 — D ◦◦

d) 97 + 59 = 156 — D 11111 ◦◦

3. Using the cards on the side, create an addition number sentence that shows addition with regrouping. You can use the cards more than once. Solve your sentence.

a) 84 + 79 = 163

b) 47 + 55 = 102

8	9	5
7	6	4

4. Use the problem solving process to solve:

a) Lily went to the Art Gallery to buy 2 paintings. The first painting she purchased cost $665. The second painting she purchased cost $87. How much did Lily spend at the Art Gallery?

Step 1 - 665, 87

Step 2 - add 665 + 87

Step 3 - 752

Step 4 - Lily spent $752 at the Art Gallery.

Step 5 - 752 − 87 = 665

b) There are three grade 2 classes at West Park Elementary. 2A has 26 students, 2B has 28 students and 2C has 25 students. How many students are in grade 2 at West Park Elementary?

Step 1 - 26, 28, 25

Step 2 - add 26 + 28 + 25

Step 3 - 79

Step 4 - There are 79 grade 2 students.

Step 5 - check!

Name _____

Date _____

Lesson 6- Addition With Regrouping
Worksheet D

1. Fill in the box with a number to make the addition sentence a regrouping problem. Estimate the sum for each addition sentence by rounding. Then calculate the actual sum. answers may vary.

Examples

a) 69 + 75 = 144

b) 38 + 88 = 126

c) 95 + 86 = 181

d) 85 + 26 = 111

e) 72 + 27 = 104

f) 25 + 57 = 82

g) 58 + 48 = 106

h) 77 + 66 = 143

2. Show each sum using base-10 blocks. Explain how to add each equation.

a) 35 + 85 = 120 — D 11

b) 28 + 23 = 51 — 11111 ◦

c) 44 + 28 = 72 — 11111 ◦◦

d) 297 + 59 = 356 — D 11111 ◦◦

3. Using the cards on the side, create an addition number sentence that shows addition with regrouping. Solve your sentence. You may use the cards more than once.

a) 54 + 96 = 150

b) 75 + 46 = 121

7	8	4
5	9	6

4. Use the problem solving process to solve:

a) Lily went to the Art Gallery to buy 2 paintings. The first painting she purchased cost $665. The second painting she purchased cost $87. How much did Lily spend at the Art Gallery?

1 - 665, 87

2 - add 665 + 87

3 - 752

4 - Lily spent $752 at the Art Gallery

5 - 752 − 87 = 665

b) There are three grade 2 classes at West Park Elementary. 2A has 26 students, 2B has 28 students and 2C has 25 students. How many students are in grade 2 at West Park Elementary?

1 - 26, 28, 25

2 - add 26 + 28 + 25

3 - 79

4 - There are 79 grade 2 students.

5 - check!

Name _____

Date _____

Lesson 7 – Subtraction Without Regrouping
Worksheet A

1. Write the difference for each subtraction sentence.

a) 84 − 3

b) 57 − 42

c) 39 − 36

d) 49 − 26

e) 66 − 24

f) 79 − 59

g) 48 − 25

h) 87 − 55

2. Show each difference using base-10 blocks. Explain how to subtract each equation.

a) 35 − 24

b) 28 − 12

c) 48 − 24

d) 88 − 35

3. Estimate by rounding each number to the nearest 10. Then calculate the actual difference.

a) 88 − 26

b) 59 − 31

c) 74 − 54

4. Use 5 step method to solve:

a) Tyrone had 46 stickers. Anna has 33 stickers. How many more stickers does Tyrone have?

Step 1 - Numbers: _____, _____

Step 2 - Number Sentence : _____

Step 3 - Answer _____

Step 4- Sentence _____

Step 5 - Check (Prove your answer – prove by adding)

b) Ling works at the local theatre. On Friday he sold 67 tickets to Cars. On Saturday he sold 26 ticket. How many more tickets did Ling sell on Friday?

Step 1 - Numbers: _____, _____

Step 2 - Number Sentence : _____

Step 3 - Answer _____

Step 4 - Sentence _____

Step 5 - Check (Prove your answer)

Name _____

Date _____

Lesson 7 – Subtraction Without Regrouping
Worksheet B

1. Write the difference for each subtraction sentence.

a) 84 − 53

b) 87 − 42

c) 39 − 34

d) 99 − 36

e) 86 − 22

f) 89 − 55

g) 69 − 55

h) 86 − 53

2. Show each difference using base-10 blocks. Explain how to subtract each equation.

a) 35 − 23

b) 68 − 22

c) 46 − 24

d) 37 − 31

3. Estimate by rounding each number to the nearest 10. Then calculate the actual difference.

a) 54 − 21

b) 66 − 33

c) 58 − 46

4. Use 5 step method to solve:

a) Tyrone had 46 stickers. Anna has 31 stickers. How many more stickers does Tyrone have?

Step 1 - Numbers:

Step 2 - Number Sentence :

Step 3 - Answer

Step 4- Sentence

Step 5 - Check (Prove your answer – prove by adding)

b) Ling works at the local theatre. On Friday he sold 67 tickets to Cars. On Saturday he sold 25 tickets. How many more tickets did Ling sell on Friday?

Step 1 - Numbers:

Step 2 - Number Sentence :

Step 3 - Answer

Step 4 - Sentence

Step 5 - Check (Prove your answer)

Name _____

Date _____

Lesson 7 – Subtraction Without Regrouping
Worksheet C

1. Write the difference for each subtraction sentence.

a) 84 − 53

b) 87 − 42

c) 39 − 34

d) 99 − 36

e) 86 − 24

f) 88 − 50

g) 65 − 55

h) 86 − 55

2. Write the equation that is represented by the base-10 blocks. Explain how to subtract each equation.

a)

Number Sentence

b)

Number Sentence

3. Estimate by rounding each number to the nearest 10. Then calculate the actual difference.

a) 52 − 22

b) 56 − 31

c) 75 − 74

4. Use 5 step method to solve:

a) The grade 2's had a race on Sports Day. Carlos finished the race in 64 seconds. Ryann finished the race in 52 seconds. How much faster did Ryann run?

Step 1 -

Step 2 -

Step 3 -

Step 4 -

Step 5 -

b) Fernando was searching for a used computer games. At Benny's Computer Store and he saw a game he liked for $85. Over at Horce's Games, he saw a game for $56, but he would need to pay $40 for a memory card. Which game store is cheaper and by how much?

Step 1 -

Step 2 -

Step 3 -

Step 4 -

Step 5 -

Name _____

Date _____

Lesson 7 -Subtraction Without Regrouping
Worksheet D

1. Fill in a number to create a subtraction sentence with no regrouping. Find the sum of the equation you created.

a) 84 − 3□

b) 9□ − 82

c) 84 − 3□

d) 5□ − 24

e) 54□ − 23

f) □28 − 520

g) 3□□ − 241

h) 2□□ − 1□

2. Write the equation that is represented by the base-10 blocks. Explain how to subtract each equation.

a)

Number Sentence

b)

Number Sentence

3. Estimate by rounding each number to the nearest 10. Then calculate the actual difference.

a) 52 − 22

b) 66 − 14

c) 78 − 56

4. Use 5 step method to solve:

a) The grade 2's had a race on Sports Day. Carlos finished the race in 86 seconds. Ryann finished the race in 52 seconds. How much faster did Ryann run?

Step 1 -

Step 2 -

Step 3 -

Step 4 -

Step 5 -

b) Fernando was searching for a used computer games. At Benny's Computer Store and he saw a game he liked for $85 but would need to buy a new joy stick for $57. Over at Horce's Games, he saw a game for $56, but he would need to pay $40 for a memory card. Which game store is cheaper and by how much?

Step 1 -

Step 2 -

Step 3 -

Step 4 -

Step 5 -

Name _____

Date _____

Lesson 8 – Subtraction With Regrouping
Worksheet A

1. Write the difference for each subtraction sentence.

a) 84 − 7 = 77

b) 97 − 59 = 38

c) 65 − 36 = 29

d) 34 − 27 = 7

e) 56 − 38 = 18

f) 92 − 58 = 34

g) 37 − 28 = 9

h) 78 − 19 = 59

2. Show each difference using base-10 blocks. Explain how to subtract each equation.

a) 85 − 76 = 9

b) 92 − 78 = 14

c) 44 − 25 = 19

d) 51 − 35 = 16

3. Estimate by rounding each number to the nearest 10. Then calculate the actual difference.

a) 71 − 23 = 48

b) 74 − 46 = 28

c) 52 − 16 = 36

4. Use 5 step method to solve:

a) Natasha went to the mall on Saturday and bought a shirt for $75. Then she bought a jacket for $29. How much more did the shirt cost than the jacket?

Step 1 - Numbers: 75, 29

Step 2 - Number Sentence : 75 − 29 = 46

Step 3 - Answer

Step 4- Sentence The shirt cost $46 more than the jacket.

Step 5 - Check (Prove your answer - prove by adding)

b) Dakota has a book that is 93 pages long. So far he has read 49 pages. How many more pages does Dakota need to read to finish the book?

Step 1 - Numbers: 93, 49

Step 2 - Number Sentence : 93 − 49 = 44

Step 3 - Answer

Step 4 - Sentence Dakota needs to read 44 more pages.

Step 5 - Check (Prove your answer)

Name _____

Date _____

Lesson 8 – Subtraction With Regrouping
Worksheet B

1. Write the difference for each subtraction sentence.

a) 84 − 7 = 77

b) 97 − 59 = 38

c) 65 − 36 = 29

d) 34 − 27 = 7

e) 56 − 38 = 18

f) 62 − 58 = 4

g) 36 − 29 = 7

h) 78 − 19 = 59

2. Show each difference using base-10 blocks. Explain how to subtract each equation.

a) 85 − 76 = 9

b) 92 − 78 = 14

c) 42 − 24 = 18

d) 51 − 35 = 16

3. Estimate by rounding each number to the nearest 10. Then calculate the actual difference.

a) 91 − 69 = 22

b) 92 − 86 = 6

c) 31 − 24 = 7

4. Use 5 step method to solve:

a) Natasha went to the mall on Saturday and bought a shirt for $71. Then she bought a jacket for $29. How much more did the shirt cost than the jacket?

Step 1 - Numbers: 71, 29

Step 2 - Number Sentence : 71 − 29 = 42

Step 3 - Answer

Step 4 - Sentence Natasha spent $42 more on the shirt

Step 5 - Check (Prove your answer - prove by adding)

b) Dakota has a book that is 93 pages long. So far he has read 49 pages. How many more pages does Dakota need to read to finish the book?

Step 1 - Numbers: 93, 49

Step 2 - Number Sentence : 93 − 49 = 44

Step 3 - Answer

Step 4 - Sentence Dakota needs to read 44 more pages.

Step 5 - Check (Prove your answer)

Name _____

Date _____

Lesson 8- Subtraction With Regrouping
Worksheet C

1. Fill in the box with a number to make the subtraction sentence a regrouping problem. Calculate the difference then prove your answer by flipping the number sentence to add.

a) 69 − 4□ = _____

b) 95 − 8□ = _____

c) 5□ − 27 = _____

d) □□ − □□ = _____

2. Show each difference using base-10 blocks. Explain how to subtract each equation.

a) 85 − 27

b) 58 − 29

c) 42 − 23

d) 51 − 35

3. Using the cards on the side, create a subtraction number sentence that shows subtraction with regrouping. Solve your sentence. You may use the cards more than once.

a) ___ ___ − ___ ___ = _____

b) ___ ___ − ___ ___ = _____

3	9	5
7	2	4

4. Use the problem solving process to solve:

a) Keenan bought a large bag of 98 jelly beans to share with his friends. Keenan's favorite color is red. 29 jelly beans were black, 23 jelly beans were pink, 8 jelly beans were green, 21 jelly beans were yellow. How many of Keenan's jelly beans were red?

Step 1 -

Step 2 -

Step 3 -

Step 4 -

Step 5 -

b) Abe has a book that is 93 pages long. On Monday he read 38 pages and on Tuesday he read 14 pages. How many more pages does Abe need to read to finish the book?

Step 1 -

Step 2 -

Step 3 -

Step 4 -

Step 5 -

Name _____

Date _____

Lesson 8-Subtraction With Regrouping
Worksheet D

1. Fill in the box with a number to make the subtraction sentence a regrouping problem. Estimate the sum for each subtraction sentence by rounding. Then calculate the actual difference.

a) 69 − 4□ = _____

b) 3□ − 18 = _____

c) 95 − 8□ = _____

d) 8□ − 26 = _____

e) 5□ − 27 = _____

f) □6 − 57 = _____

g) 5□ − 34 = _____

h) □□ − □□ = _____

2. Show each difference using base-10 blocks. Explain how to subtract each equation.

a) 85 − 27

b) 58 − 29

c) 42 − 23

d) 51 − 35

3. Using the cards on the side, create a subtraction number sentence that shows subtraction with regrouping. Solve your sentence. You may use the cards more than once.

a) ___ ___ − ___ ___ = _____

b) ___ ___ − ___ ___ = _____

3	9	5
7	2	4

4. Use the problem solving process to solve:

a) Keenan bought a large bag of 98 jelly beans to share with his friends. Keenan's favorite color is red. 29 jelly beans were black, 23 jelly beans were pink, 8 jelly beans were green, 21 jelly beans were yellow. How many of Keenan's jelly beans were red?

Step 1 -

Step 2 -

Step 3 -

Step 4 -

Step 5 -

b) Abe has a book that is 93 pages long. On Monday he read 38 pages and on Tuesday he read 14 pages. How many more pages does Abe need to read to finish the book?

Step 1 -

Step 2 -

Step 3 -

Step 4 -

Step 5 -

Name _____

Date _____

Lesson 9- Subtracting With Zeros
Worksheet A

1. Estimate by rounding to the nearest ten, then solve.

a) 20 − 13 = _____

b) 50 − 34 = _____

c) 60 − 41 = _____

d) 50 − 42 = _____

e) 60 − 46 = _____

f) 40 − 29 = _____

2. Draw a base-10 diagram to represent each equation. Solve for the difference.

a) 50 − 32 = _____

b) 90 − 67 = _____

3. Check each of these equations to see if they are correct.

a) 50 − 38 = 20

b) 90 − 75 = 25

c) 80 − 49 = 41

4. Use the five-step method to solve the following.

a) Jaela had 60 stickers. She gave Brendan 47 stickers. How many stickers does Jaela have left?

Step 1 - Numbers: _____, _____

Step 2 - Number Sentence : _____

Step 3 – Answer: _____

Step 4 - Sentence: _____

Step 5 - Check (Prove your answer):

b) Darren has 40 hockey cards. He gave 9 cards to Leah. How many cards does Darren have now?

Step 1 - Numbers: _____, _____

Step 2 - Number Sentence : _____

Step 3 – Answer: _____

Step 4 - Sentence: _____

Step 5 - Check (Prove your answer):

Name _____

Date _____

Lesson 9- Subtracting With Zeros
Worksheet B

1. Estimate by rounding to the nearest ten, then solve.

a) 20 − 13 = _____

b) 50 − 34 = _____

c) 60 − 41 = _____

d) 60 − 43 = _____

e) 90 − 76 = _____

f) 40 − 19 = _____

2. Draw a base-10 diagram to represent each equation. Solve for the difference.

a) 50 − 32 = _____

b) 90 − 67 = _____

3. Check each equation by using addition. If they are incorrect, prove what the correct answer is.

a) 50 − 38 = 20

b) 90 − 75 = 25

c) 80 − 49 = 41

4. Use the five-step method to solve the following.

a) Jaela had 200 stickers. She gave Brendan 47 stickers. How many stickers does Jaela have left?

Step 1 - Numbers: _____, _____

Step 2 - Number Sentence : _____

Step 3 – Answer: _____

Step 4 - Sentence: _____

Step 5 - Check (Prove your answer):

b) Darren has 41 hockey cards. He gave 3 cards to Leah and 10 cards to Kaylee. How many cards does Darren have now?

Step 1 - Numbers: _____, _____, _____

Step 2 - Number Sentence : _____

Step 3 – Answer: _____

Step 4 - Sentence: _____

Step 5 - Check (Prove your answer):

Name _____

Date _____

Lesson 9- Subtracting With Zeros
Worksheet C

1. Estimate by rounding to the nearest ten, then solve.

a) 20 − 13 = _____

b) 50 − 34 = _____

c) 60 − 44 = _____

d) 60 − 43 = _____

e) 90 − 76 = _____

f) 40 − 19 = _____

2. Draw a base-10 diagram to represent each equation. Solve for the difference.

a) 50 − 32 = _____

b) 90 − 67 = _____

3. Tell what is wrong with each of these equations. Find the correct solution.

a) 50 − 38 = 22

b) 90 − 75 = 25

c) 80 − 49 = 41

4. Use the five-step method to solve the following.

a) Jaela had 80 stickers. She gave Brendan 47 stickers and Kaylee 14 stickers. How many stickers does Jaela have left?

Step 1 - Numbers: _____, _____, _____

Step 2 - Number Sentence : _____

Step 3 – Answer: _____

Step 4 - Sentence: _____

Step 5 - Check (Prove your answer):

b) Darren has 409 hockey cards. He gave 12 cards to Leah, 60 cards to Brayden and 10 cards to Kaylee. How many cards does Darren have now?

Step 1 - Numbers: _____, _____, _____

Step 2 - Number Sentence : _____

Step 3 – Answer: _____

Step 4 - Sentence: _____

Step 5 - Check (Prove your answer):

Name _____

Date _____

Lesson 9- Subtracting With Zeros
Worksheet D

1. Fill in the box with a number. Estimate by rounding to the nearest ten, then solve.

a) 20 − 1□ = _____

b) 50 − 3□ = _____

c) 80 − 4□ = _____

d) 60 − 4□ = _____

e) 90 − 7□ = _____

f) 80 − 6□ = _____

2. Fill in the box and draw a base-10 diagram to represent each equation. Solve for the difference.

a) 50 − 3□ = _____

b) 90 − 6□ = _____

3. Tell what is wrong with each of these equations. Find the correct solution. Prove your solution by showing the addition.

a) 50 − 38 = 22

b) 90 − 75 = 25

c) 80 − 49 = 41

4. Use the five-step method to solve the following.

a) Jaela had 80 stickers. She gave Brendan 47 stickers, 13 to Scott and 12 to Keenan. How many stickers does Jaela have left?

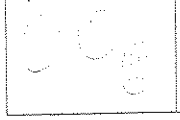
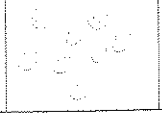
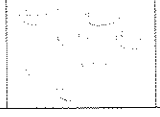
b) Darren has 49 hockey cards. He gave 12 cards to Leah, 6 cards to Brayden and 10 cards to Kaylee. How many cards does Darren have now?

Name_____

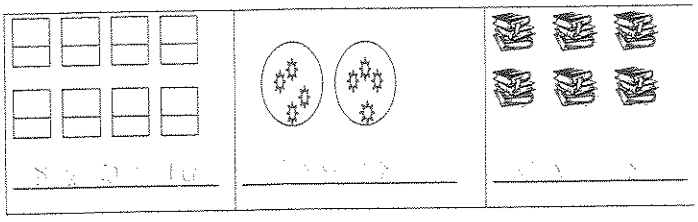
Date _____

Lesson 10 - Introduction to Multiplication
Worksheet A

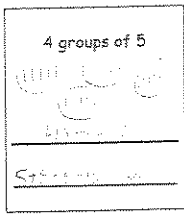
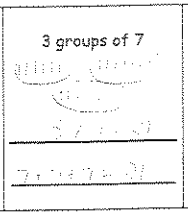
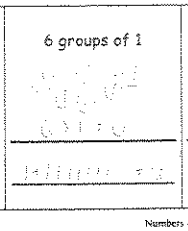
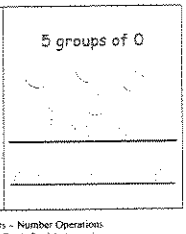
1. Draw a picture to represent each of the following multiplication sentences. Find the product for each using your picture.

a) 3 x 6 = ____	b) 8 x 2 = ____	c) 7 x 3 = ____	d) 5 x 6 = ____
			

2. Write a multiplication sentence for each picture.



3. Draw the picture, write the multiplication sentence and write the addition sentence for each.

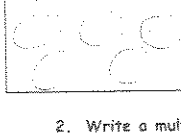
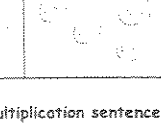
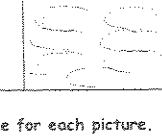
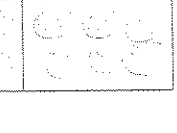
4 groups of 5	3 groups of 7	6 groups of 1	5 groups of 0
			

Name_____

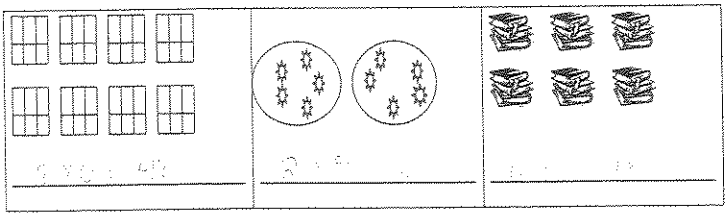
Date _____

Lesson 10 - Introduction to Multiplication
Worksheet B

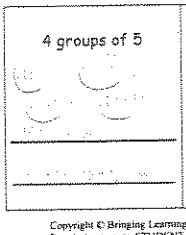
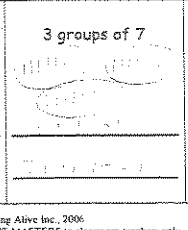
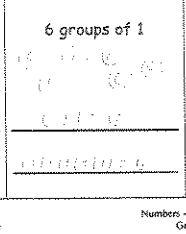
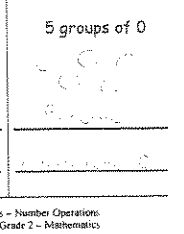
1. Draw a picture to represent each of the following multiplication sentences. Find the product for each using your picture.

a) 5 x 4 = ____	b) 4 x 2 = ____	c) 7 x 7 = ____	d) 6 x 6 = ____
			

2. Write a multiplication sentence for each picture.



3. Draw the picture, write the multiplication sentence and write the addition sentence for each.

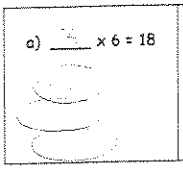
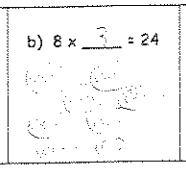
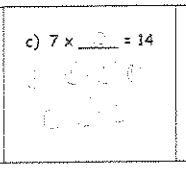
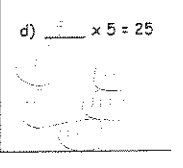
4 groups of 5	3 groups of 7	6 groups of 1	5 groups of 0
			

Name_____

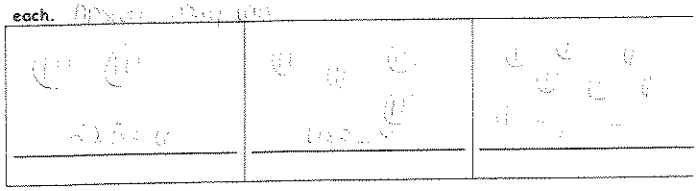
Date _____

Lesson 10 - Introduction to Multiplication
Worksheet C

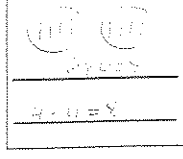
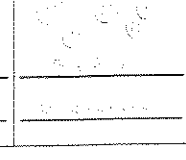
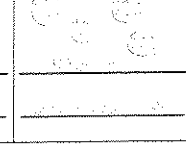
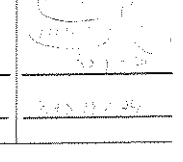
1. Fill in the blank line with a number. Draw a picture to represent each of the following multiplication sentences. Find the product for each using your picture.

a) ____ x 6 = 18	b) 8 x ____ = 24	c) 7 x ____ = 14	d) ____ x 5 = 25
			

2. Write a multiplication sentence on the line and draw a picture for each.



3. Fill in the blanks and draw the picture, write the multiplication sentence and write the addition sentence for each.

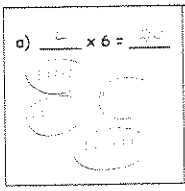
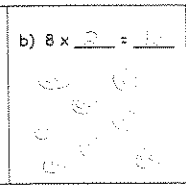
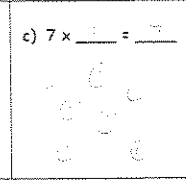
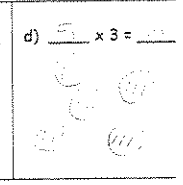
____ groups of ____	____ groups of ____	____ groups of ____	____ groups of ____
			

Name_____

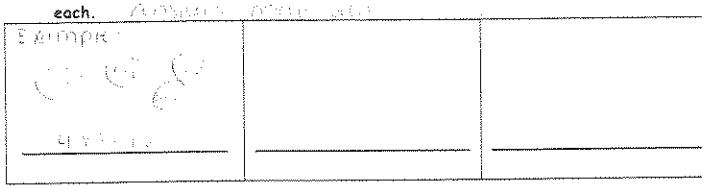
Date _____

Lesson 10 - Introduction to Multiplication
Worksheet D

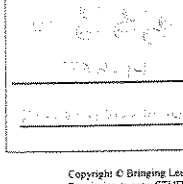
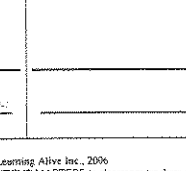
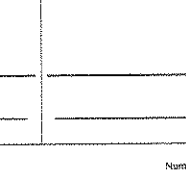
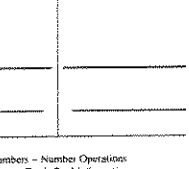
1. Fill in the blank line with a number. Draw a picture to represent each of the following multiplication sentences. Find the product for each using your picture.

a) ____ x 6 = ____	b) 8 x ____ = ____	c) 7 x ____ = ____	d) ____ x 3 = ____
			

2. Write a multiplication sentence on the line and draw a picture for each.



3. Fill in the blanks and draw the picture, write the multiplication sentence and write the addition sentence for each.

____ groups of ____	____ groups of ____	____ groups of ____	____ groups of
			

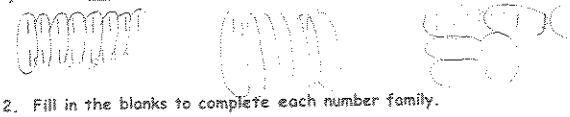
Name _____

Date _____

Lesson 11 - Introduction to Division
Worksheet A

1. Draw a picture to represent each division statement.

a) 16 ÷ 8 = ____ b) 21 ÷ 7 = ____ c) 24 ÷ 6 = ____



2. Fill in the blanks to complete each number family.

a) 15 ÷ 3 = 5

15 ÷ 5 = ____

____ x 5 = 15

5 x ____ = 15

b) 42 ÷ 7 =6

42 ÷ ____ = 6

6 x ____ = 42

____ x 6 = 42

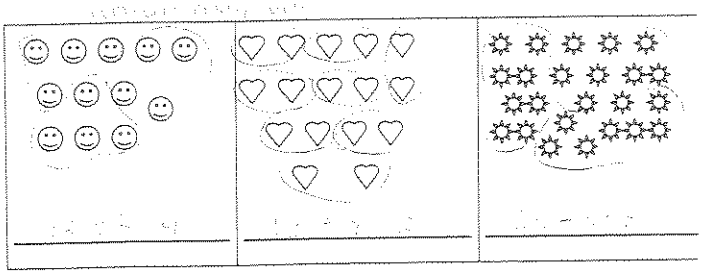
c) 20÷ 5 = 4

____ ÷ 4 = 5

4 x 5 = ____

5 x 4 = ____

3. Divide the picture into equal groups and write the number sentence.



4. Use the 5 step method to solve:

a) Byron has 12 cookies. He wanted to share his cookies with himself and 3 friends. How many cookies will each person get?

Name _____

Date _____

Lesson 11- Introduction to Division
Worksheet B

1. Draw a picture to represent each division statement.

a) 30 ÷ 5 = ____ b) 28 ÷ 7 = ____ c) 48 ÷ 6 = ____

2. Fill in the blanks to complete each number family. Draw a picture to help you.

a) 15 ÷ 3 = ____

15 ÷ ____ = ____

____ x ____ = 15

____ x ____ = 15

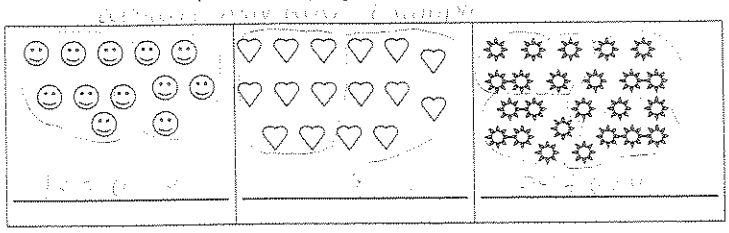
b) 42 ÷ 7 = ____

42 ÷ ____ = ____

____ x ____ = 42

____ x ____ = 42

3. Divide the picture into equal groups and write the number sentence.



4. Use the 5 step method to solve:

a) Byron has 24 cookies. He wanted to share his cookies with himself and 3 friends. How many cookies will each person get?

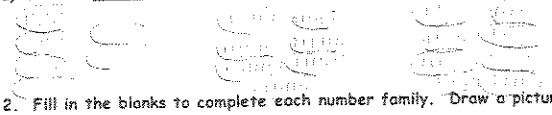
Name _____

Date _____

Lesson 11 - Introduction to Division
Worksheet C

1. Draw a picture to represent each division statement.

a) 36 ÷ 6 = ____ b) 49 ÷ 7 = ____ c) 48 ÷ 6 = ____



2. Fill in the blanks to complete each number family. Draw a picture to help you.

a) 15 ÷ ____ = ____

15 ÷ ____ = ____

____ x ____ = 15

____ x ____ = 15

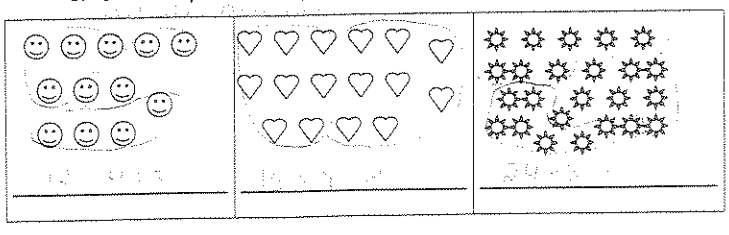
b) 42 ÷ ____ = ____

42 ÷ ____ = ____

____ x ____ = 42

____ x ____ = 42

3. Divide the picture into equal groups and write the number sentence.



4. Use the 5 step method to solve:

a) Byron has 32 cookies. Does he have enough to give himself and 6 friends an equal share? Explain.

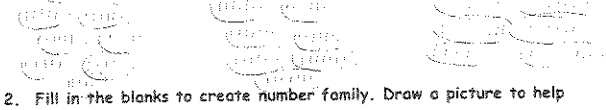
Name _____

Date _____

Lesson 11 - Introduction to Division
Worksheet D

1. Draw a picture to represent each division statement.

a) 35 ÷ 5 = ____ b) 49 ÷ 7 = ____ c) 48 ÷ 8 = ____



2. Fill in the blanks to create number family. Draw a picture to help you.

a) ____ ÷ ____ = ____

____ ÷ ____ = ____

____ x ____ = ____

____ x ____ = ____

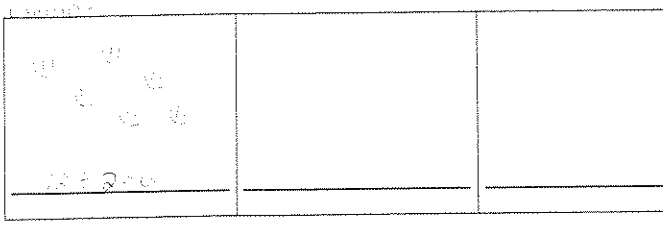
b) ____ ÷ ____ = ____

____ ÷ ____ = ____

____ x ____ = ____

____ x ____ = ____

3. Divide the picture into equal groups and write the number sentence.



4. Use the 5 step method to solve:

a) Byron has 32 cookies. Does he have enough to give himself and 6 friends an equal share? Explain.

Name _____

Date _____

Assessment A

Number Operations

1. Write the missing addend or sum to prove each equation.

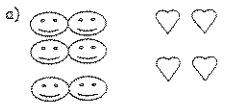
a) 5 + 5 = 10 b) 0 + 0 = 0 c) 4 + 4 = 8

d) 5 + 5 = 10 e) 2 + 2 = 4 f) 1 + 1 = 2

2. Describe how knowing that 5 + 5 = 10 could help you quickly add 5 + 6.

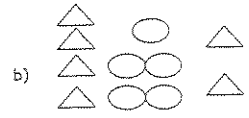
We are adding 1 more to 5 and 5

3. Write the related facts for each picture.

a) 

2 + 4 = 6

4 + 2 = 6

b) 

5 + 4 = 9

4 + 5 = 9

4. Find the difference for each fact.

a) 7 - 4 = 3 b) 10 - 6 = 4 c) 8 - 4 = 4

d) 5 - 2 = 3 e) 7 - 4 = 3 f) 9 - 9 = 0

5. Solve the difference for each number sentence and write the family facts.

a) 10 - 7 = 3

10 - 7 = 3

7 + 3 = 10

3 + 7 = 10

b) 6 - 2 = 4

6 - 4 = 2

2 + 4 = 6

4 + 2 = 6

6. Write the sum for each addition sentence.

a) 24 + 34 = 58 b) 17 + 82 = 99 c) 34 + 35 = 69 d) 42 + 24 = 66

7. Show each sum using base-10 blocks. Explain how to add each equation

a) 35 + 24 = 59 b) 28 + 12 = 40

8. Show each sum using base-10 blocks. Explain how to add each equation.

a) 35 + 76 = 111 b) 28 + 78 = 106

9. Using the cards on the side, create an addition number sentence that shows addition with regrouping. You can use the cards more than once. Solve your sentence.

a) 19 + 28 = 47

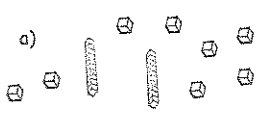
b) 27 + 48 = 75

8	9	5
7	6	4

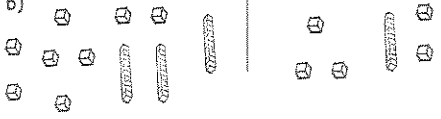
10. Write the difference for each subtraction sentence.

a) 84 - 53 = 31 b) 87 - 42 = 45 c) 39 - 34 = 5

11. Write the equation that is represented by the base-10 blocks. Explain how to subtract each equation.

a) 

Number Sentence: 31 - 17 = 14

b) 

Number Sentence: 53 - 25 = 28

12. Write the difference for each subtraction sentence.

a) 84 - 7 = 77 b) 97 - 59 = 38 c) 65 - 36 = 29

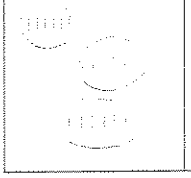
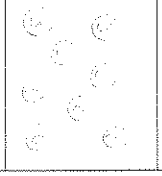
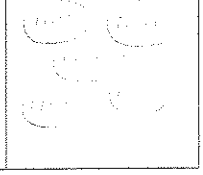
13. Show each sum using base-10 blocks. Explain how to subtract each equation

a) 85 - 27 = 58 b) 58 - 29 = 29

14. Draw a base-10 diagram to represent each equation. Solve for the difference.

a) 50 - 32 = 18 b) 90 - 67 = 23

15. Draw a picture to represent each of the following multiplication sentences. Find the product for each using your picture.

a) 3 x 6 = 18	b) 8 x 2 = 16	c) 7 x 3 = 21	d) 5 x 6 = 30
			

16. Fill in the blanks to complete each number family.

a) 15 ÷ 3 = 5

15 ÷ 5 = ____

____ x 5 = 15

5 x ____ = 15

b) 42 ÷ 7 = 6

42 ÷ ____ = 6

6 x ____ = 42

____ x 6 = 42

17. Harlon won 25 tickets to the movie theater by competing in a radio contest. He already bought 13 tickets for all of his friends. How many tickets does Harlon have now?

18. Tyrone had 46 stickers. Anna has 33 stickers. How many more stickers does Tyrone have?

19. Byron has 12 cookies. He wanted to share his cookies with himself and 3 friends. How many cookies will each person get?

Name _____

Date _____

Assessment B

Number Operations

1. Write the addition sentence for each of the sums.

a) 18 = ____ + ____

b) 14 = ____ + ____

c) 12 = ____ + ____

2. Draw a picture to represent each fact. Write the related fact.

a)

3 + ____ = 10

____ + ____ = ____

3. Look at the cards and write the family of facts.

10	6	4

a) ____ - ____ = ____

____ - ____ = ____

____ + ____ = ____

____ + ____ = ____

9	8	1

b) ____ - ____ = ____

____ - ____ = ____

____ + ____ = ____

____ + ____ = ____

9	2	7

c) ____ - ____ = ____

____ - ____ = ____

____ + ____ = ____

____ + ____ = ____

4. Fill in a number to create an addition sentence with no regrouping. Find the sum of the equation you created.

a) 24 + 3□ = ____

b) □1 + 82 = ____

c) 34 + □3 = ____

5. Using the cards on the side, create an addition number sentence that shows addition with regrouping. Solve your sentence. You may use the cards more than once.

a) ____ ____ + ____ ____ = ____

b) ____ ____ + ____ ____ = ____

8	9	5
7	6	4

6. Show each difference using base-10 blocks. Explain how to subtract each equation.

a) 35 - 24 = ____

b) 28 - 12 = ____

7. Fill in the box with a number to make the subtraction sentence a regrouping problem. Estimate the sum for each subtraction sentence by rounding. Then calculate the actual difference.

a) 62 - 4□ = ____

b) □3 - 18 = ____

c) 95 - □8 = ____

8. Fill in the box and draw a base-10 diagram to represent each equation. Solve for the difference.

a) 50 - 3□ = ____

b) 90 - 6□ = ____

9. Fill in the blanks and draw the picture, write the multiplication sentence and write the addition sentence for each.

____ groups of ____	____ groups of ____	____ groups of ____	____ groups o

10. Draw a picture to represent each division statement.

a) 35 ÷ 5 = ____

b) 49 ÷ 7 = ____

c) 48 ÷ 8 = ____

11. There are three grade 2 classes at West Park Elementary. 2A has 26 students, 2B has 28 students and 2C has 25 students. How many students are in grade 2 at West Park Elementary?

12. Abe has a book that is 93 pages long. On Monday he read 38 pages and on Tuesday he read 14 pages. How many more pages does Abe need to read to finish the book?

13. Byron has 32 cookies to share. How many cookies will each person get if Byron separates the cookies 8 ways?