Accommodations/Modifications for Assignments

- Take frequent breaks. Do a few problems and then take a stretch break.
- You can read the material aloud to your child.
- You can write the answers down for your child.
- Let your child type or text their answers.
- You can shorten the amount of problems your child has to do. Example, do the odd (1,3,5,7, etc.) numbered problems or the even (2,4,6,8, etc.) numbered problems.
- Your child can use a calculator if needed for math problems with several steps to complete.
- You can use hands on activities to support the lesson. Example, use objects to count to help your child add or subtract math problems.
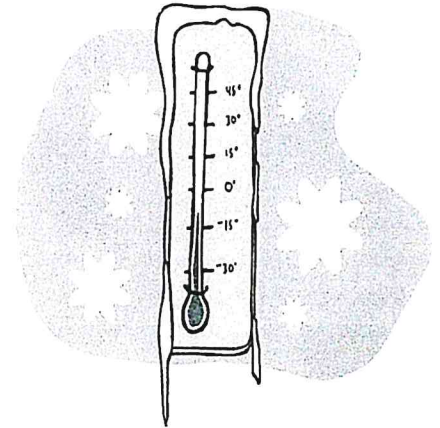
Additional review work is also included. If your child has trouble with the assignment that has been posted, you can work on alternative assignments that are included.
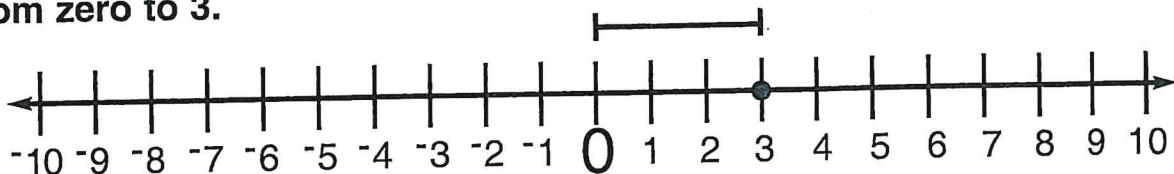
ABSOLUTELY!

Absolute value asks this question: How many places from zero is the integer?

Break It Down:
Ask, "How many places from zero is the integer?" This answer is never negative. It is zero or a positive integer.
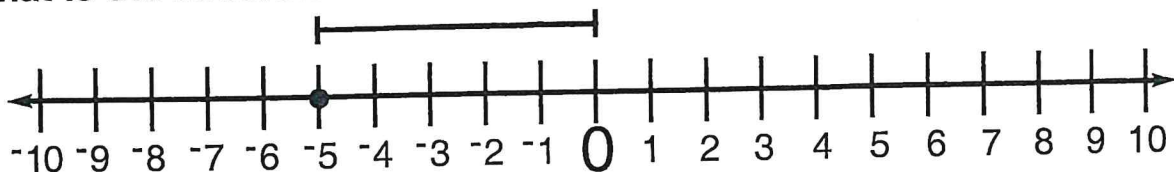
What is the absolute value of 3? Count the places from zero to 3.

3 is 3 places from 0!
3 has an absolute value of 3, because it is 3 places from 0.

What is the absolute value of ⁻5? Count the places from zero to ⁻5.

⁻5 is 5 places from 0!
⁻5 has an absolute value of 5, because it is 5 places from 0.

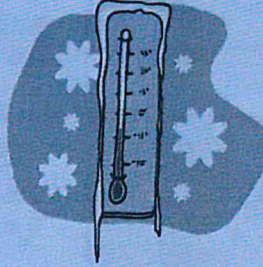**Math Fact: The absolute value of zero is zero! ZERO is ZERO places from zero!**

Which question do you ask to find the absolute value?

YOU CAN
DO IT! _____

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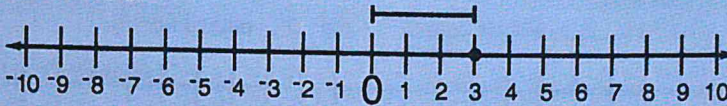
ch.25

ABSOLUTELY!

Absolute value asks this question: How many places from zero is the integer?

Break It Down:
Ask, "How many places from zero is the integer?"
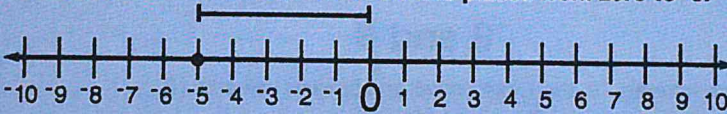This answer is never negative. It is zero or a positive integer.

What is the absolute value of 3? Count the places from zero to 3.

3 is 3 places from 0!
3 has an absolute value of 3, because it is 3 places from 0.

What is the absolute value of ⁻5? Count the places from zero to ⁻5.

⁻5 is 5 places from 0!
⁻5 has an absolute value of 5, because it is 5 places from 0.

Math Fact: The absolute value of zero is zero! ZERO is ZERO places from zero!

Which question do you ask to find the absolute value?

HOW MANY PLACES FROM ZERO IS THE INTEGER?

UNIT 5

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ch.25

YOU ARE ABSOLUTELY RIGHT!

The absolute value of an integer is the positive value of that integer. Remember:
- For a positive integer, it is the number.
- For a negative integer it has a positive value.
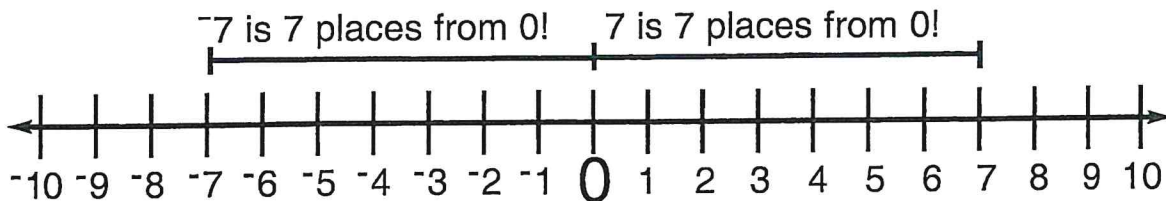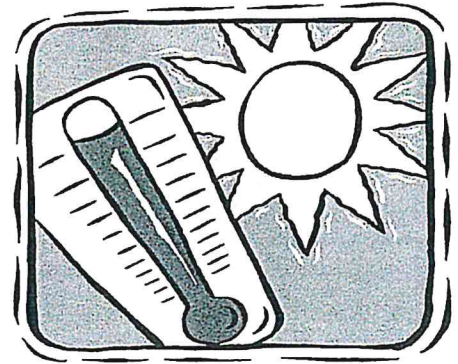- The absolute value is never negative.
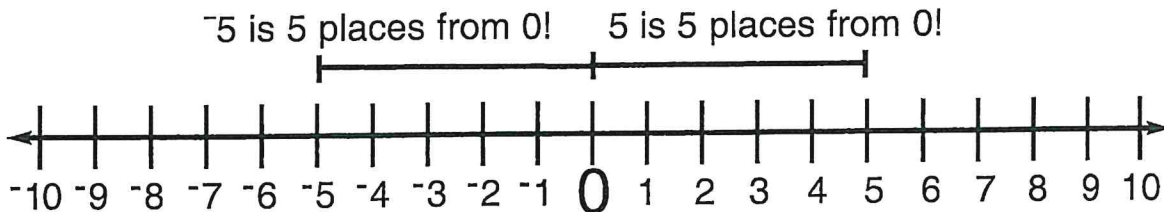
OPPOSITES ARE THE SAME!

Opposites have the same value!

Break It Down:
The integers ⁻7 and 7 both have an absolute value of 7. ⁻7 and 7 are both 7 places from 0!

```
   ⁻7 is 7 places from 0!    7 is 7 places from 0!
   |————————————————|————————————————|
⁻10 ⁻9 ⁻8 ⁻7 ⁻6 ⁻5 ⁻4 ⁻3 ⁻2 ⁻1 0 1 2 3 4 5 6 7 8 9 10
```

The integers ⁻5 and 5 both have an absolute value of 5. ⁻5 and 5 are both 5 places from 0!

```
     ⁻5 is 5 places from 0!   5 is 5 places from 0!
     |——————————————|——————————————|
⁻10 ⁻9 ⁻8 ⁻7 ⁻6 ⁻5 ⁻4 ⁻3 ⁻2 ⁻1 0 1 2 3 4 5 6 7 8 9 10
```

Absolute value questions are written with two bars around the integer.
For example:

$$|8| \qquad\qquad |3| \qquad\qquad |{⁻7}|$$

The Game: Answer the questions.

What is the absolute value of ⁻3? _____

What is the absolute value of ⁻8? _____

What is the absolute value of 4? _____

What is the absolute value of 0? _____

---

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2 $\geq$ ⁻4   0 $\geq$ ⁻5

0 $\leq$ 6   ⁻4 $\leq$ 2

0 $\geq$ ⁻3   ⁻3 $\geq$ ⁻7

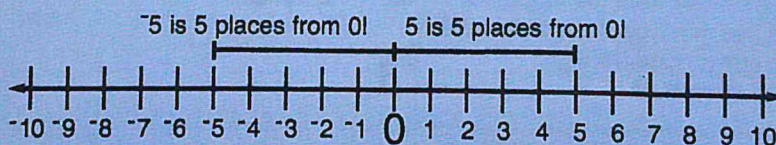   www.firelightbooks.com   120

Ch.2S

OPPOSITES ARE THE SAME!

Opposites have the same value!

Break It Down:
The integers ⁻7 and 7 both have an absolute value of 7. ⁻7 and 7 are both 7 places from 0!

⁻7 is 7 places from 0!   7 is 7 places from 0!

⁻10 ⁻9 ⁻8 ⁻7 ⁻6 ⁻5 ⁻4 ⁻3 ⁻2 ⁻1 0 1 2 3 4 5 6 7 8 9 10

The integers ⁻5 and 5 both have an absolute value of 5. ⁻5 and 5 are both 5 places from 0!

⁻5 is 5 places from 0!   5 is 5 places from 0!

⁻10 ⁻9 ⁻8 ⁻7 ⁻6 ⁻5 ⁻4 ⁻3 ⁻2 ⁻1 0 1 2 3 4 5 6 7 8 9 10

Absolute value questions are written with two bars around the integer. For example:

$|8|$ $|3|$ $|{-}7|$
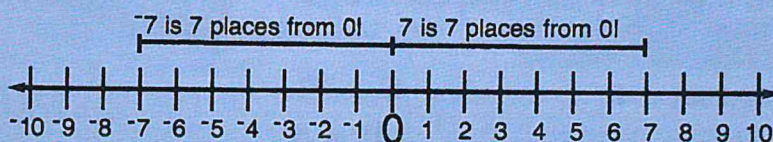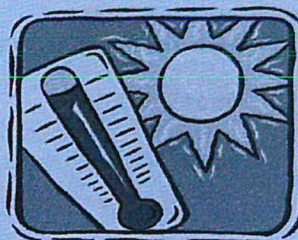
The Game: Answer the questions.

What is the absolute value of ⁻3? __3__

What is the absolute value of ⁻8? __8__

What is the absolute value of 4? __4__

What is the absolute value of 0? __0__
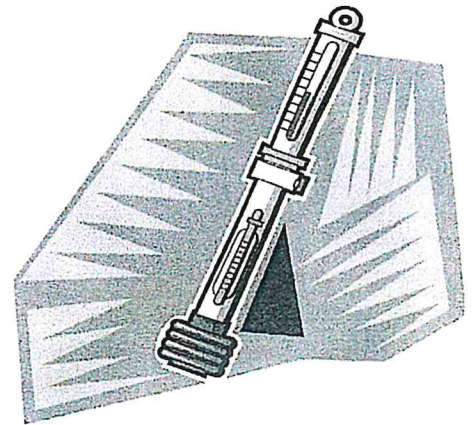
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YOU ARE ABSOLUTELY RIGHT!

The absolute value of an integer is the positive value of that integer. Remember:
- For a positive integer, it is the number.
- For a negative integer it has a positive value.
- The absolute value is never negative.

Absolute value is written like this:

$$|{}^-5| = 5$$

The Game: Write the absolute value of each number in the blanks below.

$|{}^-5| = $ _____ $|5| = $ _____

$|{}^-15| = $ _____ $|12| = $ _____

$|{}^-50| = $ _____ $|30| = $ _____

$|100| = $ _____ $|{}^-75| = $ _____

$|{}^-60| = $ _____ $|{}^-125| = $ _____

The Game: Answer the questions.

What is the absolute value of a positive integer?

_____

What is the absolute value of a negative integer?

_____

Can the absolute value be negative?

_____

Math Fact: The absolute value of zero is zero! ZERO is ZERO places from zero!

Which question do you ask to find the absolute value?

HOW MANY PLACES FROM ZERO IS THE INTEGER?

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ch.25

YOU ARE ABSOLUTELY RIGHT!

The absolute value of an integer is the positive value of that integer. Remember:
- For a positive integer, it is the number.
- For a negative integer it has a positive value.
- The absolute value is never negative.

Absolute value is written like this:

$$|^-5| = 5$$
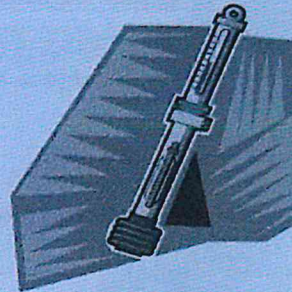
The Game: Write the absolute value of each number in the blanks below.

$|^-5| = $ __5__	$|5| = $ __5__
$|^-15| = $ __15__	$|12| = $ __12__
$|^-50| = $ __50__	$|30| = $ __30__
$|100| = $ __100__	$|^-75| = $ __75__
$|^-60| = $ __60__	$|^-125| = $ __125__

The Game: Answer the questions.

What is the absolute value of a positive integer?
__THE NUMBER__

What is the absolute value of a negative integer?
__A POSITIVE VALUE__

Can the absolute value be negative?
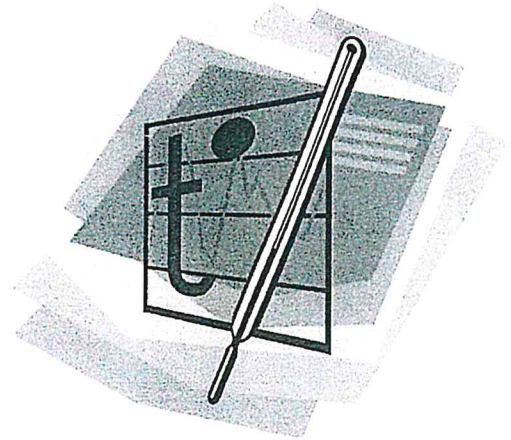__NO__

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UNIT 5

GET THE ABSOLUTE VALUE

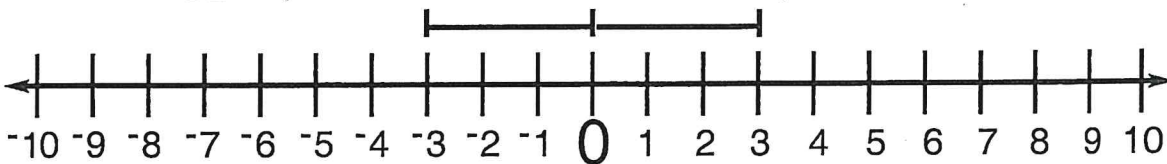You know that absolute value asks how many places an integer is from zero.

The Game: Fill in the blanks.

⁻3 and 3

The integers ⁻3 and 3 both have an absolute value of _____. ⁻3 and 3 are both _____ places from 0.

⁻3 is _____ places from 0.   3 is _____ places from 0.

⁻10 ⁻9 ⁻8 ⁻7 ⁻6 ⁻5 ⁻4 ⁻3 ⁻2 ⁻1 0 1 2 3 4 5 6 7 8 9 10

|⁻3| = _____ |3| = _____

The Game: Fill in the blanks and draw the number line.

⁻8 and 8

The integers ⁻8 and 8 both have an absolute value of _____. ⁻8 and 8 are both _____ places from 0.

⁻8 is _____ places from 0.   8 is _____ places from 0.

|⁻8| = _____ |8| = _____

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GET THE ABSOLUTE VALUE

Ch.25

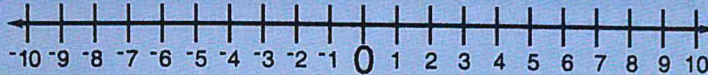You know that absolute value asks how many places an integer is from zero.

The Game: Fill in the blanks.

‾3 and 3

The integers ‾3 and 3 both have an absolute value of __3__. ‾3 and 3 are both __3__ places from 0.

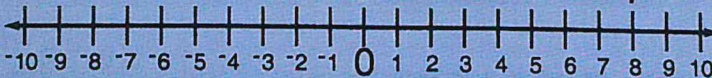‾3 is __3__ places from 0.   3 is __3__ places from 0.
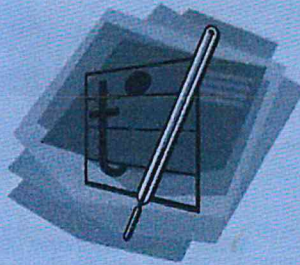
```
←─┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼─→
 ‾10 ‾9 ‾8 ‾7 ‾6 ‾5 ‾4 ‾3 ‾2 ‾1  0  1  2  3  4  5  6  7  8  9  10
```

|‾3| = __3__ |3| = __3__

The Game: Fill in the blanks and draw the number line.

‾8 and 8

The integers ‾8 and 8 both have an absolute value of __8__. ‾8 and 8 are both __8__ places from 0.

‾8 is __8__ places from 0.   8 is __8__ places from 0.

```
←─┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼─→
 ‾10 ‾9 ‾8 ‾7 ‾6 ‾5 ‾4 ‾3 ‾2 ‾1  0  1  2  3  4  5  6  7  8  9  10
```

|‾8| = __8__ |8| = __8__

UNIT 5

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ADDING ON A NUMBER LINE

Ch.26

You can add integers on a number line. Move right to add positive integers. Move left to add negative integers.

$$1 + 3 = 4$$

Move right to add positive integers.

FOR REAL

Sam is on his way to visit a friend. He drives for a while, and then he figures out that he is driving in the wrong direction!

He is going north, when he should be going south. Sam sees the mile marker and figures out that he has gone 6 miles too far.

Find the absolute value of ⁻6. That tells you how far Sam has to go back.

What is the absolute value of ⁻6? _____
|⁻6| = _____

Nia took the city bus to the mall. Suddenly she saw she had gone too far! Nia sees the mile marker and figures out that she has gone 12 miles too far.

Find the absolute value of ⁻12. That tells you how far Nia has to go back.

What is the absolute value of ⁻12? _____
|⁻12| = _____

YOU CAN DO IT!

What is the absolute value of zero?

_____

Ch 25

FOR REAL

Sam is on his way to visit a friend. He drives for a while, and then he figures out that he is driving in the wrong direction!

He is going north, when he should be going south. Sam sees the mile marker and figures out that he has gone 6 miles too far.

Find the absolute value of ⁻6. That tells you how far Sam has to go back.

What is the absolute value of ⁻6? __6__

$|^-6| =$ __6__

Nia took the city bus to the mall. Suddenly she saw she had gone too far! Nia sees the mile marker and figures out that she has gone 12 miles too far.

Find the absolute value of ⁻12. That tells you how far Nia has to go back.

What is the absolute value of ⁻12? __12__

$|^-12| =$ __12__

What is the absolute value of zero?

__ZERO__ _____

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Ch 26
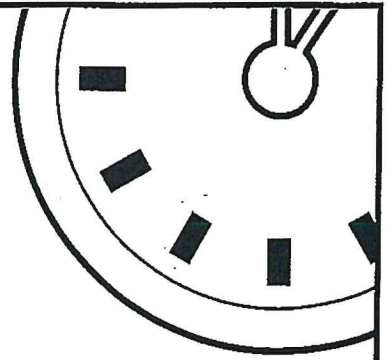
MINUTE 1

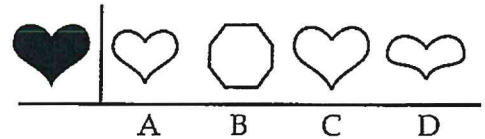1. The area of the shape is 6 square units.
   Circle: True   or   False
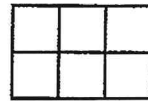
2. Jenna wants to purchase a pad of drawing paper for $5.00, a charcoal pencil for $0.75, and an eraser for $1.25. How much money does she need altogether to buy the supplies? _____

3.
$$\begin{array}{r} 45 \\ + 4 \\ \hline \end{array}$$

4. Complete the fact family.
   $5 \times 7 = 35$
   $7 \times 5 =$ _____
   $35 \div 7 =$ _____
   $35 \div 5 =$ _____

5. Circle the figure that matches the shaded figure:

   A   B   C   D

6. The <u>difference</u> of 8 and 5 is _____.

7. The expanded form of 654 is $600 + 50 +$ _____.

8. The <u>sum</u> of 8 and 5 is _____.

For questions 9 and 10, circle the digit in the tens place.

9. 456

10. 925
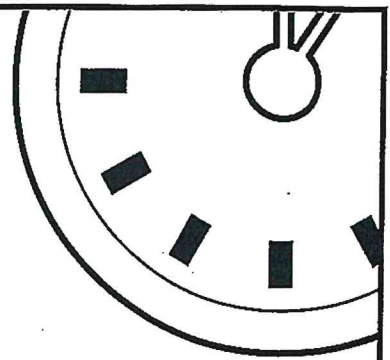
MINUTE 2

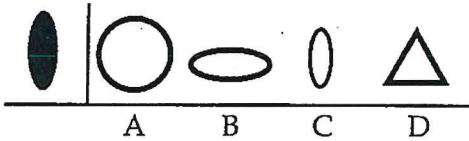NAME _____

1. 15 − 8 =

2. 4, 8, 12, 16, 20, _____, _____, _____

3.
33
+ 5

4. Circle the figure that is congruent to the shaded figure:

| | A | B | C | D |

5.
33
− 5

6. Complete the fact family.
6 x 7 = 42
7 x 6 = _____
42 ÷ 7 = _____
42 ÷ 6 = _____

7.
12
x 6

In questions 8–10, does the figure have a line of symmetry?
Write *yes* or *no*. If yes, draw a line of symmetry.

8. _____

9. _____

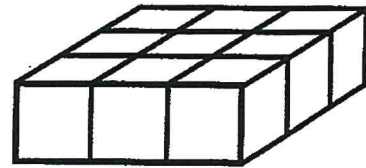**10.** _____
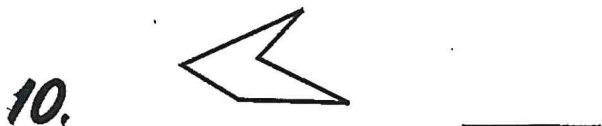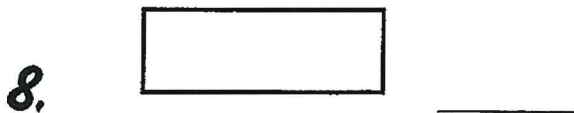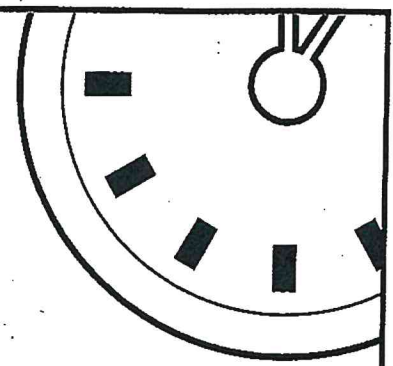
MINUTE 3

NAME _____

1. $4\overline{)72}$ 2.   21
                             + 6

3. The volume of the shape is 9 cubic units.
   Circle: True or False

4. Complete the fact family.
   5 x 8 = 40
   8 x 5 = _____
   40 ÷ 8 = _____
   40 ÷ 5 = _____

5. Polly bought a new collar and leash for her dog. The total was $7.50. She paid with a ten-dollar bill. How much change did she receive?

   _____

6.   45   7.   14
     − 3   x 5

Use <, >, or = to complete questions 8–10.

8. 3 _____ 13   9. 31 _____ 13   10. 310 _____ 310

MINUTE 4

NAME _____

1. 85
    − 2

2. $7\overline{)35}$ (with 5 on top) Which number is the <u>dividend</u> in this problem? _____

3. Riley has a 100-page book. She has read half of it. How many pages does she have left to read? _____ pages

4. Complete the fact family.
    9 x 4 = _____
    4 x 9 = _____
    36 ÷ 9 = _____
    36 ÷ 4 = _____

5. $4\overline{)28}$

6. 62
    + 7

7. 16
    x 7

For questions 8–10, write the equivalent fraction.

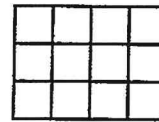8. $\frac{2}{4}$ = _____

9. $\frac{3}{9}$ = _____

10. $\frac{2}{10}$ = _____
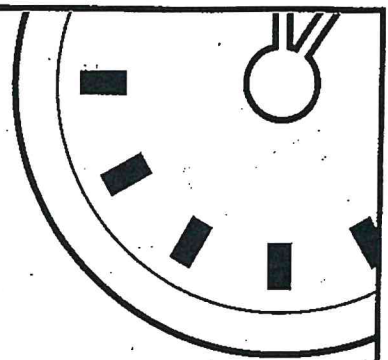
MINUTE 5

NAME _____

1. The area of the shape is 9 square units.
Circle: True   or   False

2. $3 \times 5 = 15$ Which number is the <u>product</u>? _____

3.
```
  68
-  5
```

4. Carol wants to buy 6 pens for $0.75 each. How much money does she need to buy the pens? _____

5.
```
  21
+  6
```

6. $8\overline{)72}$

7. The expanded form of 489 is 400 + _____ + 9.

8.
```
  18
x  6
```

For questions 9 and 10, write in the value of the underlined digit.

9. <u>5</u>0 = _____ tens

10. <u>7</u>0 = _____ tens

BELLWORK ANSWER KEY

Minute 1
1. True
2. 7 dollars
3. 49
4. 35, 5, 7
5. A
6. 3
7. 4
8. 13
9. 5
10. 2

Minute 2
1. 7
2. 24,28,32
3. 38
4. C
5. 28
6. 42, 6, 7
7. 72
8. Yes
9. Yes
10. No

Minute 3
1. 18
2. 27
3. True
4. 40, 5, 8
5. $2.50
6. 42
7. 70
8. <
9. >
10. =

Minute 4
1. 83
2. 35
3. 50
4. 36,36, 4, 9

5. 7
6. 69
7. 112
8. ½
9. ⅓
10. ⅕

Minute 5
1. False
2. 15
3. 63
4. $4.50
5. 27
6. 9
7. 80
8. 108
9. 5
10. 7

Minute 6
1. 95
2. 120
3. True
4. 7
5. 4
6. 12
7. 52
8. 10
9. Apples
10. Oranges and pears

Minute 7
1. ⅓
2. 22
3. 58
4. 12
5. 9
6. 3,000 + 20 + 4
7. 68
8. 4
9. 8
10. 4

Minute 8
1. True
2. 50
3. $5.00
4. 37
5. 171
6. .25
7. 81
8. 60
9. 7800
10. 9

Minute 9
1. True
2. 11
3. True
4. 39
5. 4sides, 4 angles
6. 51
7. 66
8. 3
9. +
10. -

Minute 10
1. 104
2. 89
3. 6
4. 5
5. 50
6. 6
7. 6
8. 150
9. 80
10. 50

Minute 11
1. 4
2. 90 degrees
3. 28.75
4. 51
5. 45
6. 854

7. 4
8. 15 minutes
9. 10 minutes
10. 45 minutes

Minute 12
1. 8
2. 27,30
3. 72
4. B
5. 36
6. 15
7. 1024
8. Yes
9. No
10. No

Minute 13
1. 4 and 6
2. 9
3. True
4. 34
5. 1.75
6. 1824
7. 41
8. =
9. <
10. =

Minute 14
1. 48
2. 3976
3. 100
4. 50
5. 6
6. -2
7. 6
8. <
9. >
10. <

Minute 15
1. False
2. 1708
3. 94

4. $3.00
5. 22
6. 84
7. 6
8. ⅔
9. ¾
10. ½

Minute 16
1. 140 stamps
2. 6
3. 83
4. 4
5. 6sides, 6angles
6. 76
7. 2580
8. drive/carpool
9. Skate
10. drive/carpool and skate

Minute 17
1. 3522
2. 30
3. 101
4. 10
5. 7
6. 4000 + 800+50+7
7. 56
8. 11
9. 8
10. 9

Minute 18
1. 7
2. 93
3. $1.05
4. 60
5. .60 or 60 cents each
6. 6200
7. 3090
8. 120
9. 79
10. 3

Minute 19
1. ⅜
2. True

3. 92
4. 9
5. 12
6. 400+60+5
7. 4494
8. 76
9. +
10. X

Minute 20
1. 85
2. 8
3. 15
4. 5
5. 894
6. 3
7. 2124
8. 600
9. 500
10. 600

Minute 21
1. 19
2. 45 degrees
3. 282
4. Kilometers
5. Centimeters
6. Meters
7. 4326
8. 19
9. 1 hour and 25 minutes
10. 1 hour and 30 minutes

Minute 22
1. 617
2. 21
3. 671
4. A
5. 6.25
6. 48, 56, 64
7. 4336
8. Acute
9. Right
10. Obtuse