

6th
Grade

WEEKLY MATH ASSESSMENTS



Perfectly
aligns with

Book 6

Name: _____ Date: _____

5-A-Day Math Assessment - week 1

1 Express the ratio in three different ways (gray to white). $\frac{2}{3}$ to $\frac{4}{6}$ $\frac{1}{2}$: $\frac{1}{3}$

2 Integer Opposite Absolute Value

Integer	Opposite	Absolute Value
-5		
4		
6		

3 Write an expression to represent: "A number n divided by 8"

4 $31.9 + 2.368 =$

5 $855 \div 6 =$

6 5 shirts for \$30.00

rate = _____ unit rate = _____

7 Complete the missing information.

Fraction: $\frac{3}{10}$

Decimal: _____

Ratio: _____

Percent: _____

8 40 is what percent of 80?

part $\rightarrow$ $\frac{\square}{\square} = \frac{\square}{100}$ percent

whole $\rightarrow$ $\frac{\square}{\square} = \frac{\square}{100}$

9 Ken grew $\frac{3}{4}$ of an inch last year. Sang grew $\frac{1}{2}$ of an inch. Who grew more and by how much?

10 Complete the table and then graph the coordinates.

$y = x + 2$

$4^2 \times 2 + 7 =$

5 daily math review tasks
for 36 weeks of school!

6th Grade
**5-A-DAY
MATH
REVIEW**
CCSS MATH CONTENT 6

WEEKLY MATH ASSESSMENTS {6TH GRADE}

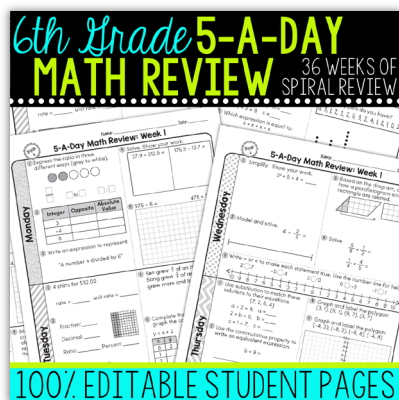
Thank you for purchasing this Common Core Weekly Math Assessment. This resource can be used on its own as a weekly assessment to guide instruction. However, it is particularly effective if used as a Friday assessment in conjunction with my [5-A-Day Math Review](#). My 5-A-Day Math Review contains 5 daily math tasks for (Monday-Thursday).

There are 36 weekly assessments that cover the following skills:

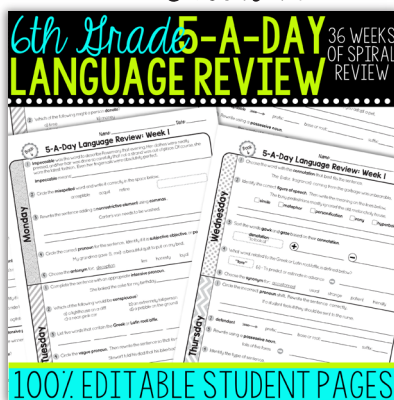
- Ratios (6.RP.1 & 3A)
- Understanding Integers (6.NS.5, 7)
- Writing Algebraic Expressions (6.EE.2)
- Add & Subtract Decimals (6.NS.3)
- GCF & LCM (6.NS.4)
- Multiply & Divide Whole Numbers & Decimals (6.NS.2)
- Rates & Unit Rates (6.RP.2 & 6.RP.3B, C)
- Understanding Percent (6.RP.C)
- Exponents (6.EE.1)
- Calculations with Percent (6.RP.C)
- Mixed Practice Word Problems (6.RP, 6.NS, 6EE, 6G)
- Dependent & Independent Variables (6.EE.9)
- Order of Operations (6.EE.1, 2C)
- Divide with Fractions (6.NS.1)
- Area, Surface Areas, & Volume (6.G.1, 2, 3)
- Multiply, Add, & Subtract with Fractions (6.NS.1)
- Compare & Order Integers (6.NS.7)
- Solve Inequalities (6.NS.7)
- Solve Equations (6.EE.5, 6)
- Equivalent Expressions (6.EE.3, 4)
- Statistical Questions (6.SP.1)
- Mean, Median, Mode, & Range (6.SP.C)
- Polygons on a 4-Quadrant Plane (6.G.3)
- Dot Plots, Histograms, & Box Plots (6.SP.4)

Thank you so much,
Melissa
gottoteach@icloud.com

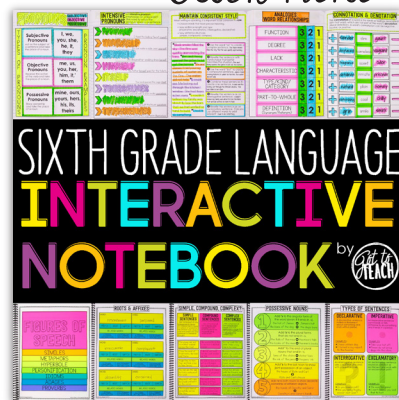
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Name: _____ Date: _____

5-A-Day Math Assessment: Week 1

- 1** Express the ratio in three different ways (gray to white).



6.RP.1 & 3A



□ to □

□ : □

Integer	Opposite	Absolute Value
-5		
4		
6		

6.NS.5 & 7

- 3** Write an expression to represent:
"A number n divided by 8"

6.EE.2

4 $31.9 + 2.368 =$

5 $855 \div 6 =$ $358 \times 78 =$

6.NS.3

6.NS.2

- 6**
- 5 shirts for \$30.00

rate = _____ unit rate = _____

6.RP.2, 3B & C

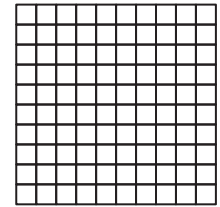
- 7**
- Complete the missing information.

Fraction: $\frac{3}{10}$

Decimal: _____

Ratio: _____

Percent: _____ 6.RP.C



- 8**
- 40 is what percent of 80?

part $\rightarrow \frac{\square}{\square} = \frac{\square}{100}$ percent
 whole $\rightarrow$

6.RP.C

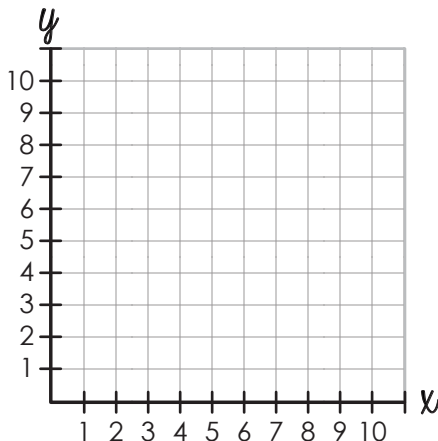
- 9**
- Ken grew
- $\frac{3}{5}$
- of an inch last year.
-
- Sang grew
- $\frac{5}{8}$
- of an inch. Who grew more and by how much?

6.RP, 6.NS, 6.EE, 6.G

- 10**
- Complete the table and then graph the coordinates.

$y = x + 2$

x	y
3	5
	6
	7



6.EE.9

- 11**
- Simplify. Show your work.

$4^2 \times 2 + 7 =$ _____

6.EE.1 & 2C

- 12**
- Model and solve.

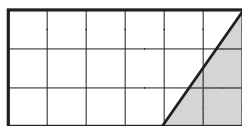
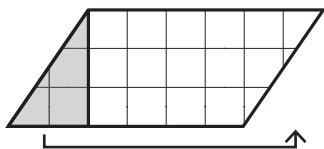
$2 \div \frac{2}{3} =$



6.NS.1

5-A-Day Math Assessment: Week 1

- 13** Identify these two shapes and explain how their areas are related to each other.



6.G.1-3

- 14** Solve

$$\frac{7}{8} \times \frac{1}{2} =$$

$$\frac{3}{4} \times \frac{3}{5} =$$

6.NS.1

- 15** Write $>$ or $<$ to make each statement true. Use the number line for help.

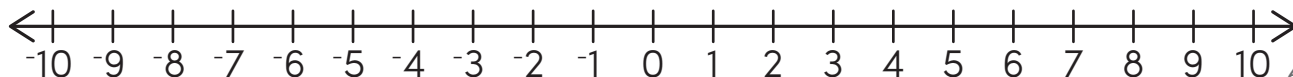
$$4 \bigcirc 7$$

$$5 \bigcirc -4$$

$$0 \bigcirc 5$$

$$0 \bigcirc -8$$

$$-2 \bigcirc 2$$



6.NS.7

- 16** Use substitution to match these solutions to their equations.

$\{2, 4, 6, 9\}$

$$a + 2 = 11, \quad a = \underline{\hspace{2cm}}$$

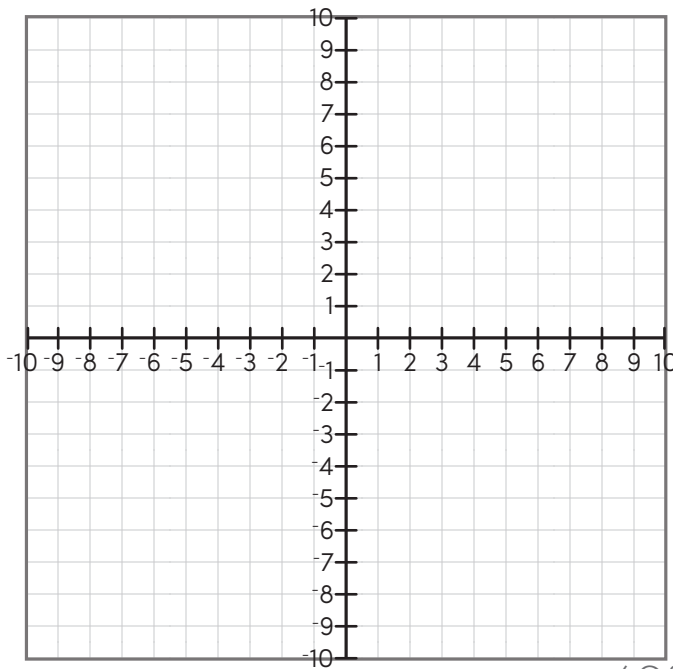
$$2 + b = 6, \quad b = \underline{\hspace{2cm}}$$

$$c + 1 = 3, \quad c = \underline{\hspace{2cm}}$$

6.EE.5-6

- 19** Graph and label the polygon: $(1, 3), (7, 3), (7, 9), (1, 9)$

- 20** Graph and label the polygon: $(-2, 3), (-6, 3), (-6, 9), (-2, 9)$



6.G.3

- 17** Use the commutative property write an equivalent expression.

$$7 + 8 =$$

6.EE.3-4

- 18** Identify if the question is statistical or non statistical.

"What is your favorite color?"

6.SP.1

ERROR ANALYSIS MATH ASSESSMENT Week 1

Name: _____	1. ☐	11. ☐	6.RP.1 & 3A	6.EE.1 & 2C
2. ☐	12. ☐	6.NS.5 & 7	6.NS.1	
3. ☐	13. ☐	6.EE.2	6.G.1-3	
4. ☐	14. ☐	6.NS.3	6.NS.1	
5. ☐	15. ☐	6.NS.2	6.NS.7	
6. ☐	16. ☐	6.RP.2 6.RP.3B & C	6.EE.5-6	
7. ☐	17. ☐	6.RP.C	6.EE.3-4	
8. ☐	18. ☐	6.RP.C	6.SP.1	
9. ☐	19. ☐	6.RP.6.NS, 6.EE.6.G	6.G.3	
10. ☐	20. ☐	6.EE.9	6.G.3	



Name: _____ Date: _____

5-A-Day Math Assessment: Week 2

- 1** Express the ratio in three different ways (gray to white).



6.RP.1 & 3A

- 2** Use an integer to describe the situations.

11 degrees below 0 _____

48 degrees above 0 _____

6.NS.5 & 7

- 3** Write an expression to represent: "7 more than y"

6.EE.2

- 4** What is the **GCF** of 5 and 10?

What is the **LCM** of 4 and 6?

6.NS.4

- 5** $3.92 \div 0.7 =$ $2.7 \times 5.1 =$

6.NS.2

- 6** \$32.00 for 8 pounds of meat

rate = _____ unit rate = _____

6.RP.2, 3B & C

Exponent Form	Expanded Form	Standard Form
5^3		
3^2		
8^2		

6.EE.1

- 8** 3 is 30% of what?

part $\rightarrow$ $\frac{\square}{\square} = \frac{\square}{100}$ percent
 whole $\rightarrow$

6.RP.C

- 9** Sebastian carried $\frac{3}{4}$ liter of water on a hike. He drank $\frac{1}{2}$ of the water. How much water did he drink?

6.RP, 6.NS, 6.EE, 6.G

- 10** Write an equation to describe the relationship in each table.

x	y
1	4
2	5
3	6
4	7
5	8

x	y
0	5
1	6
2	7
3	8
4	9

6.EE.9

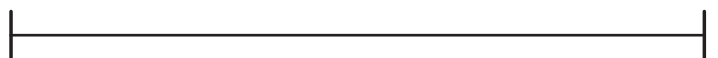
- 11** Add parentheses to make true.

$$4 \times 3 + 6 = 36$$

$$5 \cdot 9 - 6 \cdot 3 = 45$$

6.EE.1 & 2C

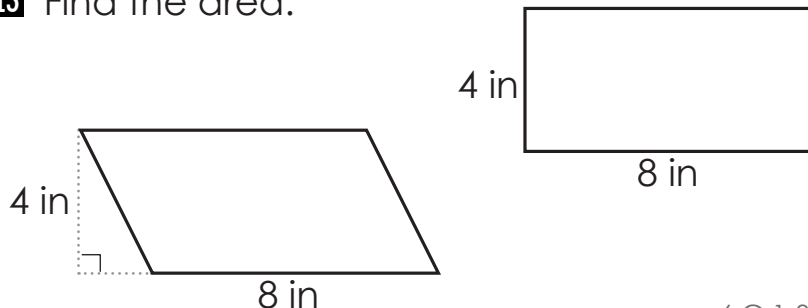
- 12** Model and solve. $6 \div \frac{3}{4} =$



6.NS.1

5-A-Day Math Assessment: Week 2

13 Find the area.



6.G.1-3

14

$$\frac{1}{3} = \frac{\square}{\square} \quad \frac{1}{2} = \frac{\square}{\square}$$

$$\frac{1}{4} = \frac{\square}{\square} \quad \frac{1}{3} = \frac{\square}{\square}$$

$$+ \quad \frac{1}{4} = \frac{\square}{\square} \quad - \quad \frac{1}{3} = \frac{\square}{\square}$$

6.NS.1

15 Write $>$ or $<$ to make each statement true. Use the number line for help.

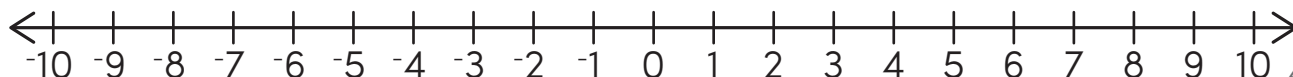
$-6 \bigcirc -2$

$2 \bigcirc -9$

$-8 \bigcirc 0$

$-8 \bigcirc 8$

$5 \bigcirc 1$



6.NS.7

16 Use substitution to match these solutions to their equations.

$\{6, 8, 7, 4\}$

$7 + a = 15, \quad a = \underline{\hspace{2cm}}$

$b + b + 1 = 9, \quad b = \underline{\hspace{2cm}}$

$c + 3 = 10, \quad c = \underline{\hspace{2cm}}$

6.EE.5-6

17 Which expression is equal to:

$x + x + x + x + x$

(A) $5x$

(B) $x + 4$

(C) $x - 5$

(D) $\frac{x}{5}$

6.EE.3-4

18 Math test scores:
91, 86, 92, 86, 75

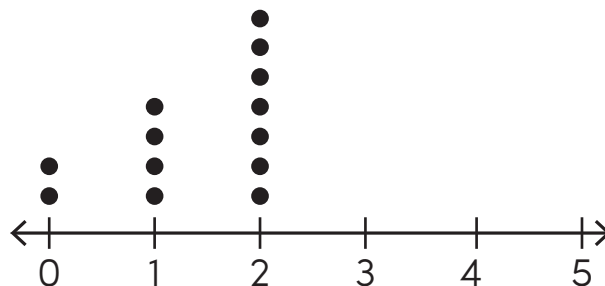
mean = _____ median = _____

mode(s) = _____ range = _____

6.SP.C

How many pets do you have?

0, 2, 1, 3, 1, 2, 4, 2, 2,
5, 0, 3, 2, 4, 1, 2, 1, 3, 2



Number of Pets

19 Use the survey data to complete the dot graph.

20 How many people participated in the survey?

6.SP.4

ERROR ANALYSIS MATH ASSESSMENT Week 2

Name: _____	1. ☐	11. ☐	6.RP.1 & 3A	6.EE.1 & 2C
2. ☐	12. ☐	6.NS.5 & 7	6.NS.1	
3. ☐	13. ☐	6.EE.2	6.G.1-3	
4. ☐	14. ☐	6.NS.4	6.NS.1	
5. ☐	15. ☐	6.NS.2	6.NS.7	
6. ☐	16. ☐	6.RP.2 6.RP.3B & C	6.EE.5-6	
7. ☐	17. ☐	6.EE.1	6.EE.3-4	
8. ☐	18. ☐	6.RP.C	6.SP.C	
9. ☐	19. ☐	6.RP.6.NS, 6.EE.6.G	6.SP.4	
10. ☐	20. ☐	6.EE.9	6.SP.4	

Name: _____ **Answer Key** Date: _____**5-A-Day Math Assessment: Week 1**

- 1** Express the ratio in three different ways (gray to white).



6.RP.1 & 3A

$$\frac{1}{4}$$

1 to 4

1 : 4

Integer	Opposite	Absolute Value
-5	5	5
4	-4	4
6	-6	6

6.NS.5 & 7

- 3** Write an expression to represent:

"A number n divided by 8"

$$\frac{n}{8}$$

$$n \div 8$$

6.EE.2

4 $31.9 + 2.368 =$

$$34.268$$

6.NS.3

5 $855 \div 6 =$

$$\begin{array}{r} 142.5 \\ 6 \overline{) 855.0} \\ \underline{-6} \\ 25 \\ \underline{-24} \\ 15 \\ \underline{-12} \\ 30 \\ \underline{-30} \\ 0 \end{array}$$

$358 \times 78 =$

$$\begin{array}{r} 358 \\ \times 78 \\ \hline 2864 \\ + 25060 \\ \hline 27924 \end{array}$$

6.NS.2

- 6** 5 shirts for \$30.00

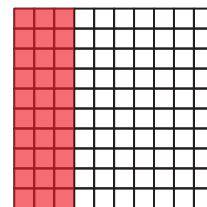
rate = $5:30$ unit rate = $1:6$

6.RP.2, 3B & C

- 7** Complete the missing information.

Fraction: $\frac{3}{10}$ Decimal: $0.30 = 0.3$ Ratio: $30:100$ $3:10$ $30:100$ $100:30$ Percent: 30%

6.RP.C



- 8** 40 is what percent of 80?

$$\begin{array}{l} \text{part} \rightarrow 40 \\ \text{whole} \rightarrow 80 \end{array} = \frac{50}{100} \leftarrow \text{percent}$$

40 is 50% of 80.

6.RP.C

- 9** Ken grew $\frac{3}{5}$ of an inch last year. Sang grew $\frac{5}{8}$ of an inch. Who grew more and by how much?

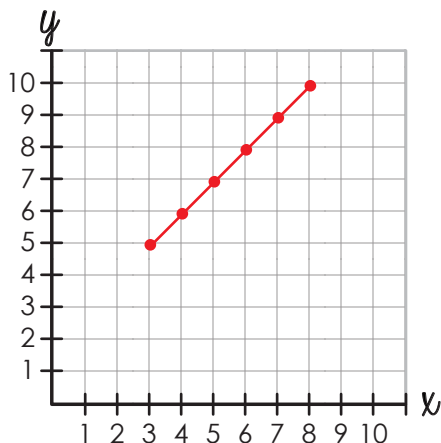
Sang, $\frac{1}{40}$ of an inch

6.RP, 6.NS, 6.EE, 6.G

- 10** Complete the table and then graph the coordinates.

$$y = x + 2$$

x	y
3	5
4	6
5	7
6	8
7	9
8	10



6.EE.9

- 11** Simplify. Show your work.

$$4^2 \times 2 + 7 = 39$$

$$16 \times 2 + 7$$

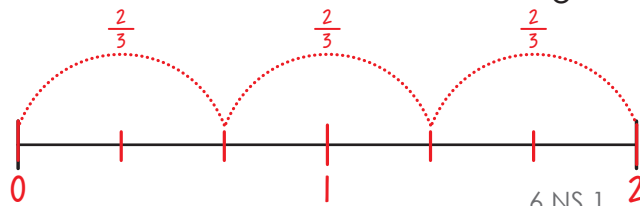
$$32 + 7$$

$$39$$

6.EE.1 & 2C

- 12** Model and solve.

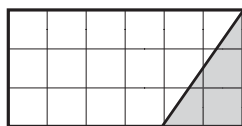
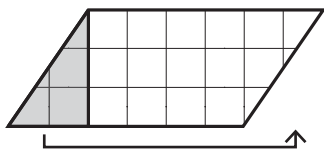
$$2 \div \frac{2}{3} = 3$$



6.NS.1

5-A-Day Math Assessment: Week 1

- 13** Identify these two shapes and explain how their areas are related to each other.



A parallelogram can be "clipped" and rearranged to be made into a rectangle. They both have the same area.

6.G.1-3

- 14** Solve

$$\frac{7}{8} \times \frac{1}{2} = \frac{7}{16}$$

$$\frac{3}{4} \times \frac{3}{5} = \frac{9}{20}$$

6.NS.1

- 15** Write $>$ or $<$ to make each statement true. Use the number line for help.

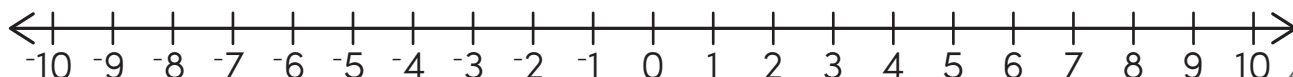
$4 < 7$

$5 > -4$

$0 < 5$

$0 > -8$

$-2 < 2$



6.NS.7

- 16** Use substitution to match these solutions to their equations.

$\{2, 4, 6, 9\}$

$a + 2 = 11, a = 9$

$2 + b = 6, b = 4$

$c + 1 = 3, c = 2$

6.EE.5-6

- 17** Use the commutative property write an equivalent expression.

$7 + 8 =$

$8 + 7$

6.EE.3-4

- 18** Identify if the question is statistical or non statistical.

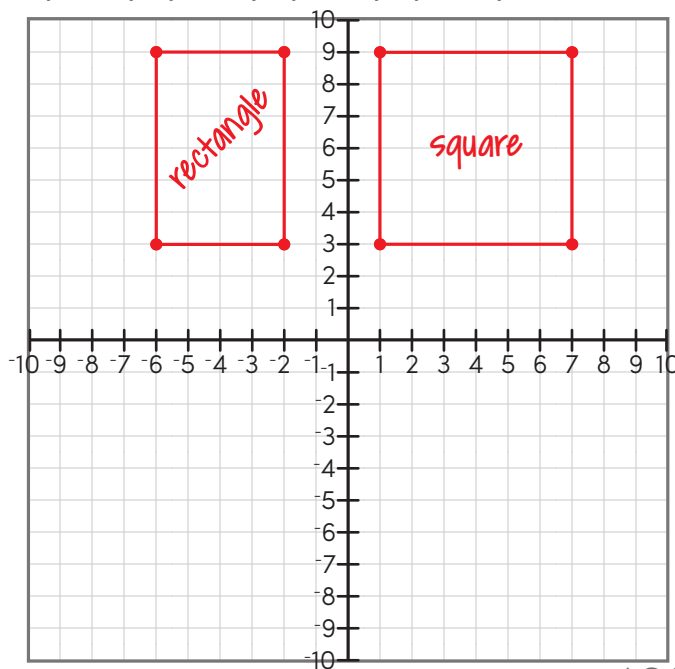
"What is your favorite color?"

non statistical

6.SP.1

- 19** Graph and label the polygon: $(1, 3), (7, 3), (7, 9), (1, 9)$

- 20** Graph and label the polygon: $(-2, 3), (-6, 3), (-6, 9), (-2, 9)$



6.G.3

ERROR ANALYSIS MATH ASSESSMENT Week 1

Name: _____	1. ☐	11. ☐	6.RP.1 & 3A	6.EE.1 & 2C
2. ☐	12. ☐	6.NS.5 & 7	6.NS.1	
3. ☐	13. ☐	6.EE.2	6.G.1-3	
4. ☐	14. ☐	6.NS.3	6.NS.1	
5. ☐	15. ☐	6.NS.2	6.NS.7	
6. ☐	16. ☐	6.RP.2 6.RP.3B & C	6.EE.5-6	
7. ☐	17. ☐	6.RP.C	6.EE.3-4	
8. ☐	18. ☐	6.RP.C	6.SP.1	
9. ☐	19. ☐	6.RP.6.NS, 6.EE.6.G	6.G.3	
10. ☐	20. ☐	6.EE.9	6.G.3	

Name: _____ **Answer Key** Date: _____**5-A-Day Math Assessment: Week 2**

- 1** Express the ratio in three different ways (gray to white).



$$\frac{2}{7}$$

2 to 7

2 : 7

6.RP.1 & 3A

- 2** Use an integer to describe the situations.

11 degrees below 0 -1148 degrees above 0 48

6.NS.5 & 7

- 3** Write an expression to represent: "7 more than y"

$$y + 7$$

6.EE.2

- 4** What is the **GCF** of 5 and 10?

5

- What is the **LCM** of 4 and 6?

12

6.NS.4

- 5** $3.92 \div 0.7 =$ $2.7 \times 5.1 =$

$$\begin{array}{r} 0.5.6 \\ 7 \overline{) 39.2} \\ \underline{- 35} \\ 42 \\ \underline{- 42} \\ 0 \end{array}$$

$$\begin{array}{r} 2.7 \\ \times 5.1 \\ \hline 27 \\ + 1350 \\ \hline 13.77 \end{array}$$

6.NS.2

- 6** \$32.00 for 8 pounds of meat

rate = 32 : 8 unit rate = 4 : 1

6.RP.2, 3B & C

Exponent Form	Expanded Form	Standard Form
5^3	$5 \times 5 \times 5$	125
3^2	3×3	9
8^2	8×8	64

6.EE.1

- 8** 3 is 30% of what?

$$\begin{array}{l} \text{part} \rightarrow \frac{3}{10} = \frac{30}{100} \leftarrow \text{percent} \\ \text{whole} \rightarrow \end{array}$$

3 is 30% of 10.

6.RP.C

- 9** Sebastian carried $\frac{3}{4}$ liter of water on a hike. He drank $\frac{1}{2}$ of the water. How much water did he drink?

He drank $\frac{3}{8}$ of a liter.

6.RP, 6.NS, 6.EE, 6.G

- 10** Write an equation to describe the relationship in each table.

$$y = x + 3$$

x	y
1	4
2	5
3	6
4	7
5	8

$$y = x + 5$$

x	y
0	5
1	6
2	7
3	8
4	9

6.EE.9

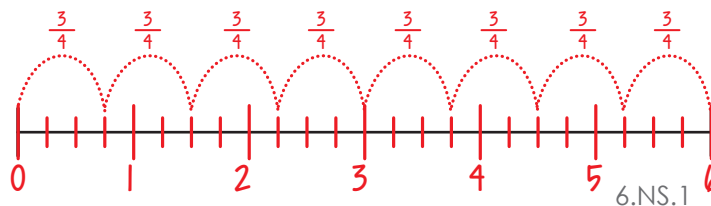
- 11** Add parentheses to make true.

$$4 \times (3 + 6) = 36$$

$$5 \cdot (9 - 6) \cdot 3 = 45$$

6.EE.1 & 2C

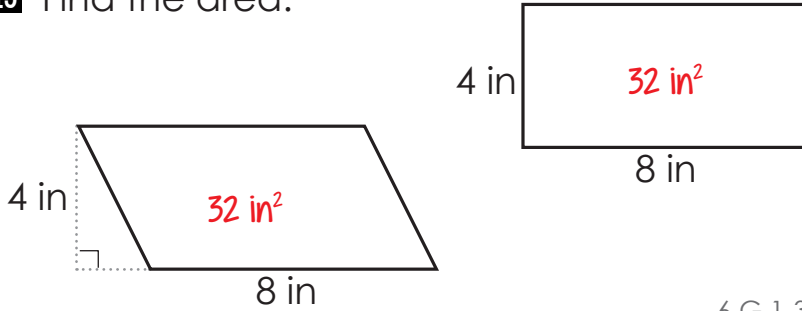
- 12** Model and solve. $6 \div \frac{3}{4} = 8$



6.NS.1

5-A-Day Math Assessment: Week 2

13 Find the area.



6.G.1-3

14

$$\frac{1}{3} = \frac{4}{12} \quad \frac{1}{2} = \frac{3}{6}$$

$$\frac{1}{4} = \frac{3}{12} \quad \frac{1}{3} = \frac{2}{6}$$

$$+ \frac{7}{12} \quad - \frac{1}{6}$$

6.NS.1

15 Write > or < to make each statement true. Use the number line for help.

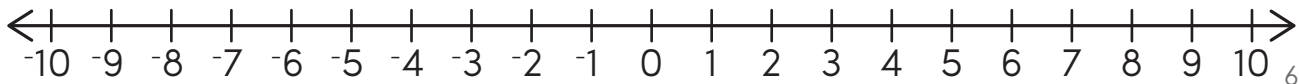
-6 < -2

2 > -9

-8 < 0

-8 < 8

5 > 1



6.NS.7

16 Use substitution to match these solutions to their equations.

{6, 8, 7, 4}

$7 + a = 15$, $a = 8$

$b + b + 1 = 9$, $b = 4$

$c + 3 = 10$, $c = 7$

6.EE.5-6

17 Which expression is equal to:
 $x + x + x + x + x$

☒ A $5x$

☐ B $x + 4$

☐ C $x - 5$

☐ D $\frac{x}{5}$

6.EE.3-4

18 Math test scores:
91, 86, 92, 86, 75

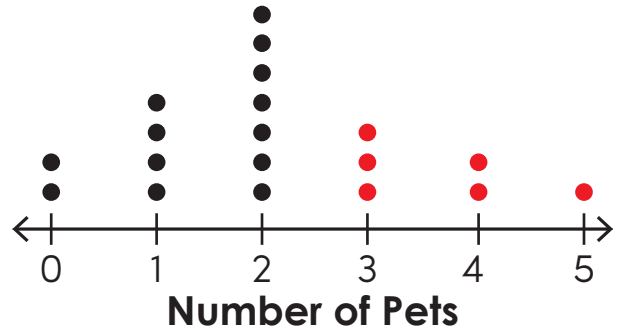
mean = 86 median = 86

mode(s) = 86 range = 17

6.SP.C

How many pets do you have?

0, 2, 1, 3, 1, 2, 4, 2, 2,
5, 0, 3, 2, 4, 1, 2, 1, 3, 2



19 Use the survey data to complete the dot graph.

20 How many people participated in the survey?

19 people

6.SP.4

ERROR ANALYSIS MATH ASSESSMENT Week 2

Name: _____	1. ☐	11. ☐	6.RP.1 & 3A	6.EE.1 & 2C
	2. ☐	12. ☐	6.NS.5 & 7	6.NS.1
	3. ☐	13. ☐	6.EE.2	6.G.1-3
	4. ☐	14. ☐	6.NS.4	6.NS.1
	5. ☐	15. ☐	6.NS.2	6.NS.7
	6. ☐	16. ☐	6.RP.2 6.RP.3B & C	6.EE.5-6
	7. ☐	17. ☐	6.EE.1	6.EE.3-4
	8. ☐	18. ☐	6.RP.C	6.SP.C
	9. ☐	19. ☐	6.RP.6.NS, 6.EE.6.G	6.SP.4
	10. ☐	20. ☐	6.EE.9	6.SP.4

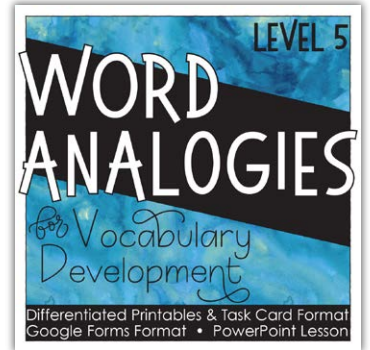
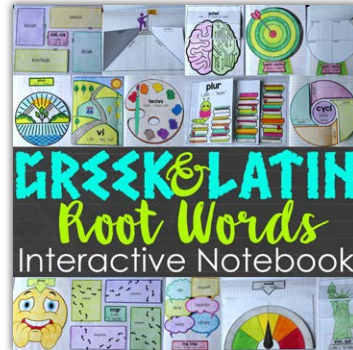
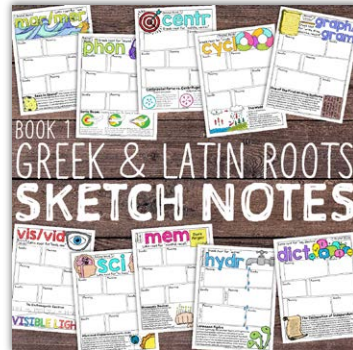
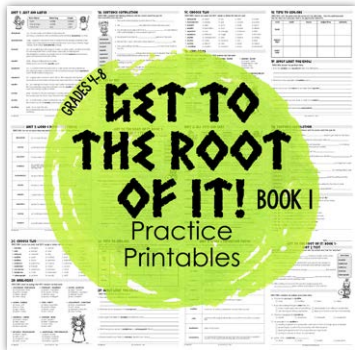


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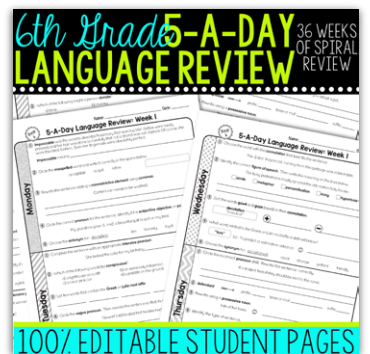
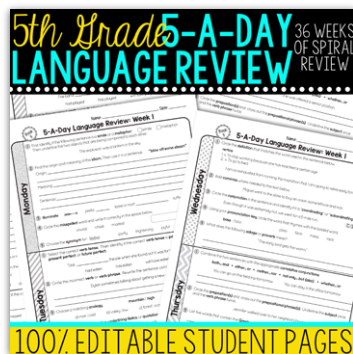
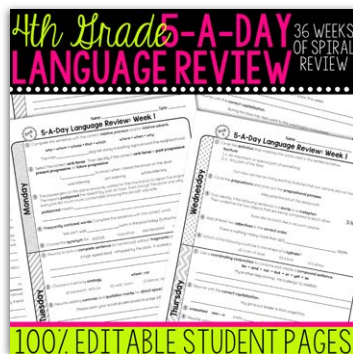
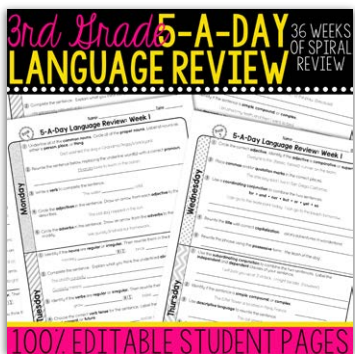


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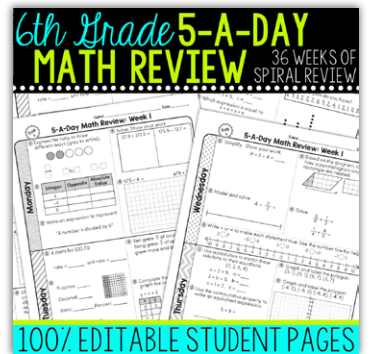
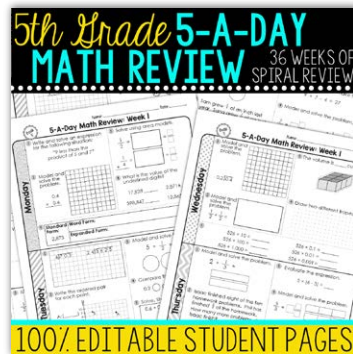
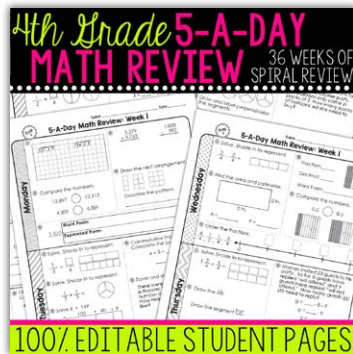
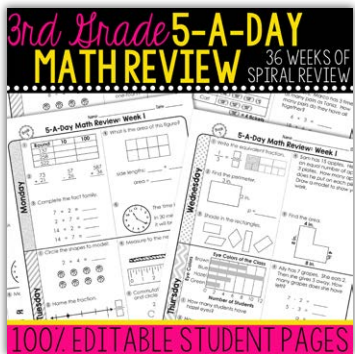
VOCABULARY RESOURCES



DAILY LANGUAGE REVIEWS (GRADES 3-8)



DAILY MATH REVIEWS (GRADES 3-6)



HANDS-ON MATH TILES

