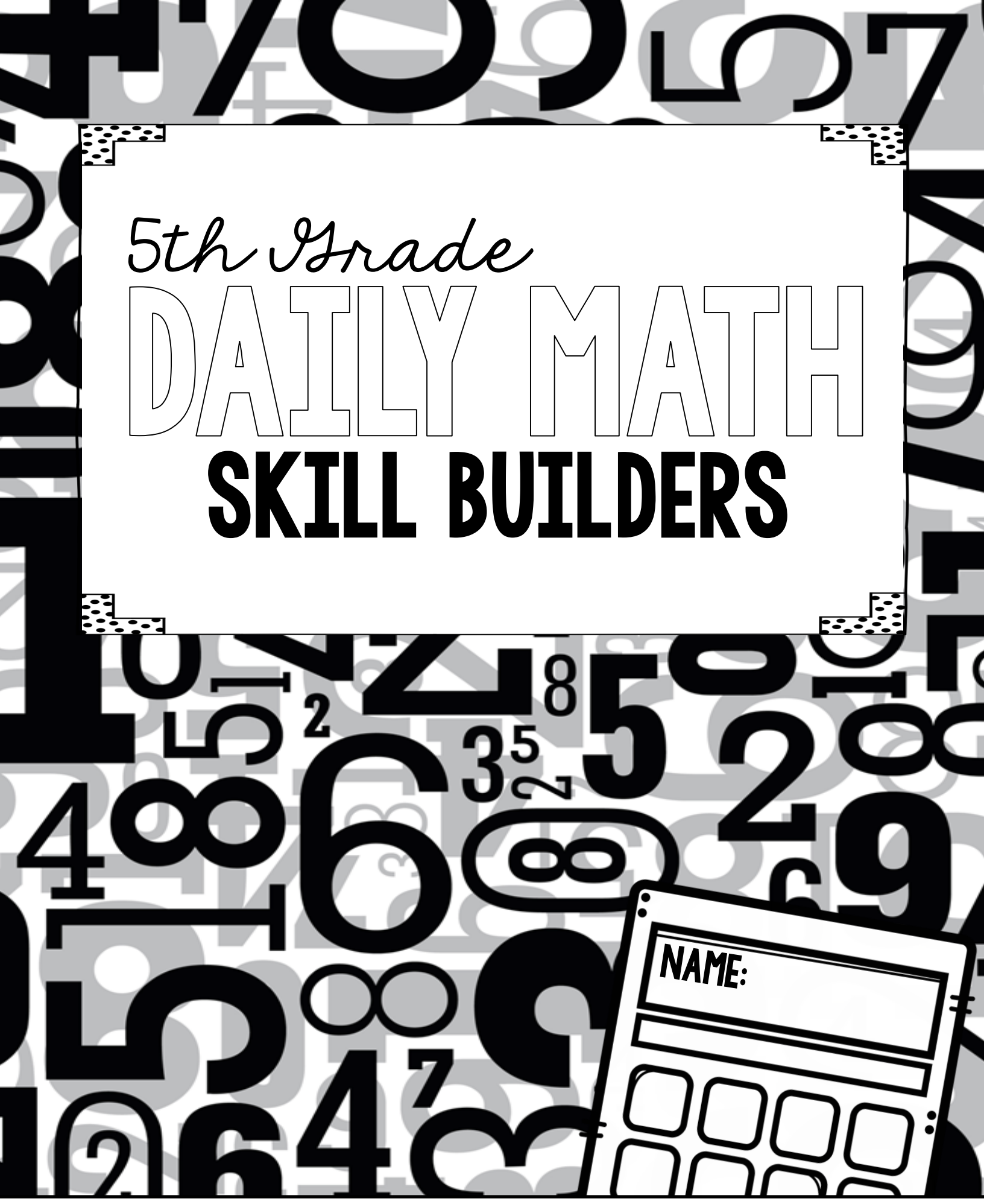
5th Grade

DAILY MATH SKILL BUILDERS



STANDARDS ALIGNED MATH PRACTICE FOR STUDENTS

NAME: _____ WEEK 10

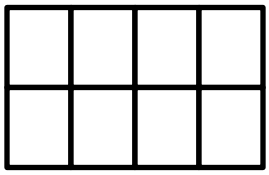
DAILY MATH PRACTICE

MONDAY

1. Solve the expression if n = 4.

$$n + 10$$

2. Color three-fourths of the shape blue.



3. Draw a line segment.

4. Fill in the missing symbol to make the number sentence true.

$$11 __ 7 = 18$$

5. The table below shows the total number of sodas in different numbers of boxes.

Total Sodas	# of Boxes
60	5
96	8
132	11
144	12

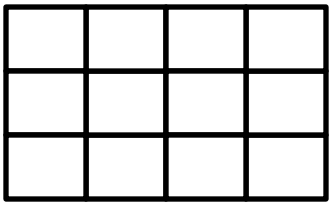
How many sodas are in 15 boxes?

TUESDAY

1. Solve the expression if n = 4.

$$n \times 6$$

2. Color one-third of the shape red.



3. Draw two perpendicular lines.

4. Fill in the missing symbol to make the number sentence true.

$$25 __ 24 = 600$$

5. The table below shows the total number of eggs in different numbers of cartons.

Total Eggs	# of Cartons
72	3
96	4
168	7
216	9

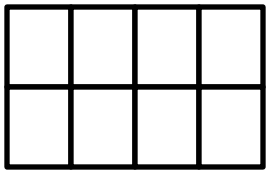
How many eggs are in 18 cartons?

WEDNESDAY

1. Solve the expression if n = 4.

$$16 \div n$$

2. Color half the shape purple.



3. Draw a ray.

4. Fill in the missing symbol to make the number sentence true.

$$19 __ 15 = 34$$

5. The table below shows the total number of stickers in different numbers of packages.

Total Stickers	# of Packages
110	5
154	7
176	8
242	11

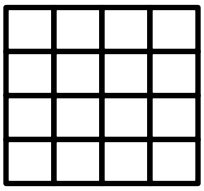
How many stickers in 19 packages?

THURSDAY

1. Solve the expression if n = 4.

$$14 \times n$$

2. Color one-fourth of the shape green.



3. Draw a pair of parallel lines.

4. Fill in the missing symbol to make the number sentence true.

$$0 __ 25 = 0$$

5. The table below shows the total number of candies in different numbers of boxes.

Total Candies	# of Boxes
63	3
105	5
147	7
168	8

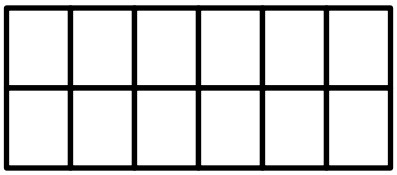
How many candies are in 10 boxes?

FRIDAY

1. Solve the expression if n = 4.

$$30 - n$$

2. Color two-thirds of the shape orange.



3. Draw a right angle.

4. Fill in the missing symbol to make the number sentence true.

$$12 __ 12 = 144$$

5. The table below shows the total number of cookies in different numbers of batches.

Total Cookies	# of Batches
48	2
72	3
120	5
192	8

How many cookies are in 9 batches?

REFLECT & GROW

CORRECTION #1

REFLECT: Why is understanding vocabulary a big part of being successful in math?

CORRECTION #2

TEACHER NOTES:

GRADE:

NAME: _____ WEEK 11

DAILY MATH PRACTICE

MONDAY

1. Write the algebraic expression.

5 more than n

2. Prime or composite? If composite, list the factors.

21

3. Acute, right or obtuse?

4. What combination of three coins can be used to make 27 cents?

5. Tracy is building a path to her shed. She has 982 bricks. There will be 27 bricks in each row of the path. How many complete rows can she create?

TUESDAY

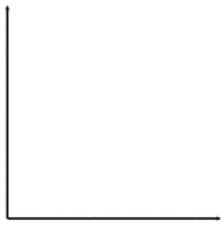
1. Write the algebraic expression.

12 less than a

2. Prime or composite? If composite, list the factors.

36

3. Acute, right or obtuse?



4. What combination of five coins can be used to make 25 cents?

5. Andrew is designing a mosaic for the school hallway. He has 1,295 blue tiles. He needs 84 blue tiles for every square foot of wall. If the wall is 16 square feet, does he have enough blue tiles to complete his design? Show your proof.

WEDNESDAY

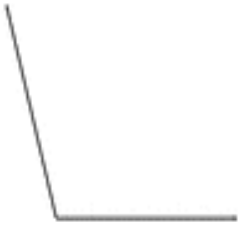
1. Write the algebraic expression.

5 times m

2. Prime or composite? If composite, list the factors.

62

3. Acute, right or obtuse?



4. What combination of three coins can be used to make 15 cents?

5. Shana is making bracelets for her friends. She has 984 beads she can use. Each bracelet uses 132 beads. How many complete bracelets can she create?

THURSDAY

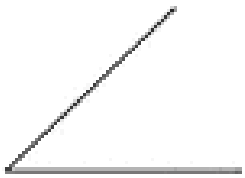
1. Write the algebraic expression.

y less than 19

2. Prime or composite? If composite, list the factors.

87

3. Acute, right or obtuse?



4. What combination of six coins can be used to make 10 cents?

5. Mom was making club sandwiches for my friends and me to take camping. She has 5 loaves of bread with 22 slices in each. If each sandwich uses 3 slices, how many complete sandwiches can mom make?

FRIDAY

1. Write the algebraic expression.

n divided by 4

2. Prime or composite? If composite, list the factors.

54

3. Acute, right or obtuse?

4. What combination of two coins can be used to make 20 cents?

5. Mr. Johnson is building a retaining wall in his backyard. He has 719 bricks. He uses 17 bricks in each layer of the wall. How many layers tall can he build with only the bricks he has?

REFLECT & GROW

CORRECTION #1

REFLECT: Which problem was the most challenging this week? Why?

_____

_____

_____

_____

CORRECTION #2

TEACHER NOTES:

GRADE:

NAME: _____ WEEK 12

DAILY MATH PRACTICE

MONDAY

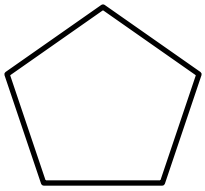
1. Translate the expression in words.

10 + w

2. If vowels are worth 5 and consonants are 3, what is the value of this word?

spelling

3. Name the shape based on its attributes.



4. How much less than a dollar?

16 pennies & 2 dimes

5. There are four times as many problems on the math homework as on the 8 question science homework. There are twice as many questions on the science homework than on the reading. How many questions are on each assignment?

TUESDAY

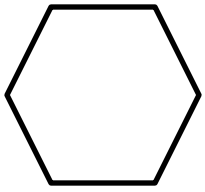
1. Translate the expression in words.

4x

2. If vowels are worth 5 and consonants are 3, what is the value of this word?

mathematics

3. Name the shape based on its attributes.



4. How much less than a dollar?

2 half dollars

5. There are three times as many cats in the animal shelter as puppies. There are twelve times as many fish as there are puppies. If there are 12 cats, how many fish and puppies are at the shelter?

WEDNESDAY

1. Translate the expression in words.

20 - s

2. If vowels are worth 5 and consonants are 3, what is the value of this word?

explorer

3. Name the shape based on its attributes.

4. How much less than a dollar?

3 quarters &2 dimes

5. There are four times as many pennies in a piggy bank as quarters. There are twice as many dimes as pennies. If the value of the dimes is $4.00, what is the value of all the coins in the bank?

THURSDAY

1. Translate the expression in words.

8b

2. If vowels are worth 5 and consonants are 3, what is the value of this word?

entertain

3. Name the shape based on its attributes.

4. How much less than a dollar?

12 pennies & 3 nickels

5. A pack of candy has red, yellow, and orange. There are 12 red candies in a package. There are half as many yellows as oranges. The number of orange candies is three time the number of reds. How many total candies are in the package?

FRIDAY

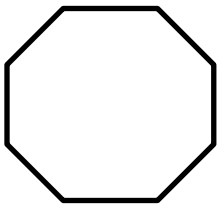
1. Translate the expression in words.

14 + x

2. If vowels are worth 5 and consonants are 3, what is the value of this word?

threw

3. Name the shape based on its attributes.



4. How much less than a dollar?

4 nickels & 2 dimes

5. Kyle spent twice as long on his reading assignment as on his math. He spent 15 minutes on writing homework. The writing took half as long as the math did. How much time did Kyle spend on homework today?

REFLECT & GROW

CORRECTION #1

CORRECTION #2

REFLECT: What strategy did you use to solve the questions in box 4 this week?

_____

_____

_____

_____

TEACHER NOTES:

GRADE:

NAME: _____ WEEK 13

DAILY MATH PRACTICE

MONDAY

1. Complete the table.

x	x + 5
5	
20	25
72	

2. List the factors.

36

3. What is the perimeter of a regular octagon with sides of 14 m?

4. Write the improper fraction as a mixed number.

$$\frac{15}{7}$$

5. A candy dish has 50 candies and three-tenths of them are mints. How many are not mints?

TUESDAY

1. Complete the table.

p	24 - p
4	20
8	
15	

2. List the factors.

90

3. What is the perimeter of a square with 25 inch sides?

4. Write the improper fraction as a mixed number.

$$\frac{25}{2}$$

5. A fish tank contains 30 fish and 4/6 of them were goldfish. How many goldfish are in the tank?

WEDNESDAY

1. Complete the table.

k	3k
12	
15	45
25	

2. List the factors.

84

3. What is the perimeter of a regular hexagon with sides of 20 cm?

4. Write the improper fraction as a mixed number.

$$\frac{16}{5}$$

5. An apple tree had 20 apples. Two-fifths of them were ripe. How many were not ripe?

THURSDAY

1. Complete the table.

n	36 ÷ n
2	
6	
9	4

2. List the factors.

24

3. What is the perimeter of a regular decagon with sides of 14 inches?

4. Write the improper fraction as a mixed number.

$$\frac{35}{8}$$

5. A zoo has 35 exhibits and 4/7 of them are mammals. How many mammal exhibits does the zoo have?

FRIDAY

1. Complete the table.

a	a - 10
40	30
52	
98	

2. List the factors.

12

3. What is the perimeter of a rhombus with sides of 14 miles?

4. Write the improper fraction as a mixed number.

$$\frac{17}{6}$$

5. A bouquet of flowers contains 46 flowers and half of them are roses. How many of the flowers are not roses?

REFLECT & GROW

CORRECTION #1

REFLECT: Did you put your full effort in this week? Explain why or why not.

CORRECTION #2

TEACHER NOTES:

GRADE:

NAME: _____ WEEK 14

DAILY MATH PRACTICE

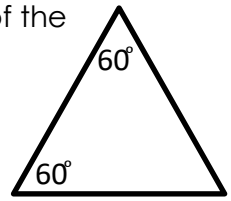
MONDAY

1. Write an equation to represent the pattern.

n	m
2	4
3	6
4	8

2. There is a bucket of goggles at the pool. Four are red, 6 are black, 2 are yellow, and five are blue. What fractional part of the goggles are a primary color?

3. The angles on a triangle must total 180°. Find the measurement of the missing angle.



4. Convert the units.

10 ft 3 in. = _____ in.

5. Kim has 5 dogs at her house. She wants to make socks to keep her dogs' feet warm in winter. If it takes her 15 minutes to make each sock, how long will it take her to finish enough for all her dogs?

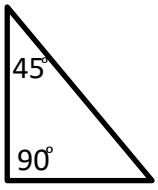
TUESDAY

1. Write an equation to represent the pattern.

a	c
4	15
11	22
19	30

2. There are seven fantasy books, 3 mystery books, and 9 informational books on the table. What fractional part of the books are nonfiction?

3. The angles on a triangle must total 180°. Find the measurement of the missing angle.



4. Convert the units.

15 yd = _____ feet

5. Tony has four folders in her desk. Each folder has 4 pages of work for him to finish. If there are 14 problems on each assignment he has to complete, how many problems does Tony need to finish?

WEDNESDAY

1. Write an equation to represent the pattern.

h	b
5	19
10	24
20	34

2. A candy dish has 9 mints, 8 Hershey kisses, 6 lollipops, and four butterscotch drops. What fractional part of the candies are not chocolate?

3. The angles on a triangle must total 180°. Find the measurement of the missing angle.

90°, 60°, _____

4. Convert the units.

60 feet = _____ in.

5. Brian visited the zoo with his class. There were 3 groups of children. Each group had 7 children. If a child's ticket costs $2.50 and chaperones were free, how much did the group pay to enter the zoo?

THURSDAY

1. Write an equation to represent the pattern.

j	n
12	6
36	18
50	25

2. There are 6 science fiction books, 5 fantasies, and 3 informational texts on the table. What fractional part of the books are fiction?

5. Will's swim team is going to a meet in the next town. There are six vans for the team. Each van carries 6 swimmers. If each swimmer brings three swim caps to the meet, how many swim caps does the team have in all?

3. The angles on a triangle must total 180°. Find the measurement of the missing angle.

80°, 20°, _____

4. Convert the units.

12 yards = _____ in.

FRIDAY

1. Write an equation to represent the pattern.

b	x
3	12
4	16
10	40

2. Brian has seen 5 snakes, 3 iguanas, 8 pandas, and 2 spiders at the zoo. What fractional part of the animals are mammals?

5. Tracy has 2 boxes of crayons in her art kit. Each box has 24 crayons. If four of the crayons in each box are shades of blue, how many total blue crayons does Tracy have?

3. The angles on a triangle must total 180°. Find the measurement of the missing angle.

45°, 60°, _____

4. Convert the units.

60 feet = _____ yards

REFLECT & GROW

CORRECTION #1

REFLECT: Which problem was the most challenging this week? Why?

_____

_____

_____

_____

CORRECTION #2

TEACHER NOTES:

GRADE:

NAME: _____ WEEK 15

DAILY MATH PRACTICE

MONDAY

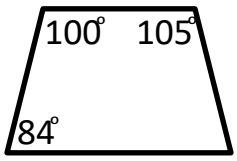
1. Vowels = 7; Consonants = 3. What is the value of the word?

tiger

2. Write the fraction in simplest form.

$\frac{5}{10}$

3. The angles on a quadrilateral must total 360°. Find the measurement of the missing angle.



4. Convert the units.

75 ft = ____ in.

5. Luis swims 4 km each day over an entire week. What is the total number of meters Luis swam?

TUESDAY

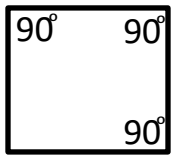
1. Vowels = 7; Consonants = 3. What is the value of the word?

elephant

2. Write the fraction in simplest form.

$\frac{6}{24}$

3. The angles on a quadrilateral must total 360°. Find the measurement of the missing angle.



4. Convert the units.

14 yd = ____ in.

5. Francis drives 15 kilometers to get to the store. How many total meters does her trip to the store and back take?

WEDNESDAY

1. Vowels = 7; Consonants = 3. What is the value of the word?

jaguar

2. Write the fraction in simplest form.

$\frac{8}{10}$

3. The angles on a quadrilateral must total 360°. Find the measurement of the missing angle.

78°, 145°, 90°, ____

4. Convert the units.

7 ft 6 in. = ____ in.

5. Kylie runs 12 kilometers each week. How many total meters does she run in 2 weeks?

THURSDAY

1. Vowels = 7; Consonants = 3. What is the value of the word?

armadillo

2. Write the fraction in simplest form.

$$\frac{25}{60}$$

5. Susan is preparing for a bike race. She bikes 10 kilometers a day for two weeks. How many total meters did she ride in that time?

3. The angles on a quadrilateral must total 360°. Find the measurement of the missing angle.

110°, 84°, 108°, _____

4. Convert the units.

108 in. = _____ yd

FRIDAY

1. Vowels = 7; Consonants = 3. What is the value of the word?

chimpanzee

2. Write the fraction in simplest form.

$$\frac{2}{12}$$

5. Connie loves to run. She runs 15 kilometers in a week. How many meters does she run in four weeks?

3. The angles on a quadrilateral must total 360°. Find the measurement of the missing angle.

105°, 100°, 78°, _____

4. Convert the units.

12 ft = _____ in.

REFLECT & GROW

CORRECTION #1

REFLECT: What strategy did you use to help you solve the question in box 5 this week?

_____

_____

_____

_____

CORRECTION #2

TEACHER NOTES:

GRADE:

NAME: _____ WEEK 16

DAILY MATH PRACTICE

MONDAY

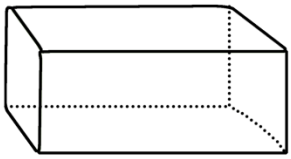
1. Write an equation for the rule.

c	d
5	45
9	81
11	99

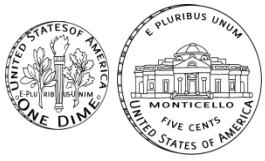
2. What's the missing number?

$$\frac{1}{3} = \frac{?}{9}$$

3. Name the shape based on its attributes.



4. A book is $2.85. If this is my change, how much did I give the cashier?



5. Sylvia takes gymnastics lessons. She pays $648 for the full year. Each month costs the same amount. How much is one month of lessons?

TUESDAY

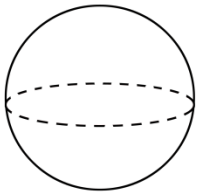
1. Write an equation for the rule.

x	y
48	6
32	4
16	2

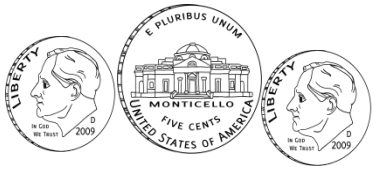
2. What's the missing number?

$$\frac{2}{4} = \frac{8}{?}$$

3. Name the shape based on its attributes.



4. A can of soda is 75 cents. If this is my change, how much did I give the cashier?



5. Sally pays for a subscription to a magazine she receives twice per month. Six months costs her $48. How much does she pay per magazine?

WEDNESDAY

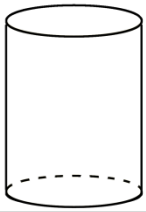
1. Write an equation for the rule.

w	z
36	12
21	7
12	4

2. What's the missing number?

$$\frac{?}{54} = \frac{2}{9}$$

3. Name the shape based on its attributes.



4. A notebook is $2.65. If this is my change, how much did I give the cashier?

5. Betty is taking violin lessons. Three months of lessons cost $255. She pays the same amount for lessons each month. About how much does Betty pay per month?

THURSDAY

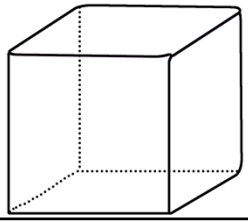
1. Write an equation for the rule.

n	m
5	30
9	54
12	72

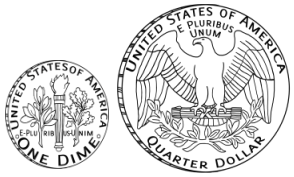
2. What's the missing number?

$$\frac{12}{30} = \frac{?}{90}$$

3. Name the shape based on its attributes.



4. A candy bar is 89 cents. If this is my change, how much did I give the cashier?



5. Tricia's two children attend daycare each weekday. She pays $550 per month for each child. How much does Tricia pay for daycare in one year?

FRIDAY

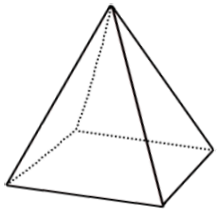
1. Write an equation for the rule.

a	b
12	25
30	43
57	70

2. What's the missing number?

$$\frac{12}{24} = \frac{?}{50}$$

3. Name the shape based on its attributes.



4. My lunch was $5.65. If this is my change, how much did I give the cashier?

5. Kyla is in a swim club. The membership fees are $984 per year. If Kyla is going to pay her fees in equal monthly installments, about how much should she pay each month?

REFLECT & GROW

CORRECTION #1

REFLECT: Describe the strategy you used to solve box 4 this week.

CORRECTION #2

TEACHER NOTES:

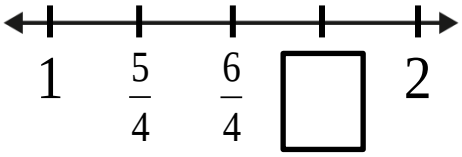
GRADE:

NAME: _____ WEEK 17

DAILY MATH PRACTICE

MONDAY

1. Complete the number line.



2. Are these fractions equivalent? Explain.

$\frac{25}{60}$ $\frac{5}{12}$

3. How many faces on three cubes?

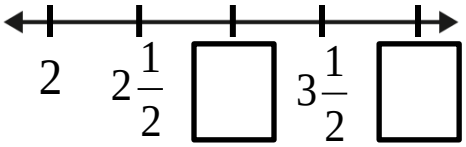
4. Convert the units.

4 qt = ___ c

5. I had a collection of pennies. I started with 800 pennies. I gave 126 pennies to my best friend and 366 pennies to my sister. About how many pennies do I have left?

TUESDAY

1. Complete the number line.



2. Are these fractions equivalent? Explain.

$\frac{1}{8}$ $\frac{3}{16}$

3. How many edges on 4 cubes?

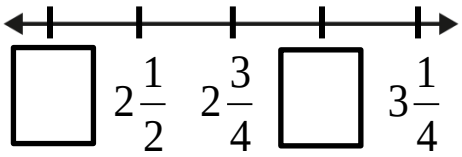
4. Convert the units.

2 qt = ___ pt

5. I had 256 blue ribbons, 124 red ribbons, 177 green ribbons, and 179 yellow ribbons. About how many ribbons did I have in all?

WEDNESDAY

1. Complete the number line.



2. Are these fractions equivalent? Explain.

$\frac{4}{8}$ $\frac{20}{40}$

3. How many faces on 5 square pyramids?

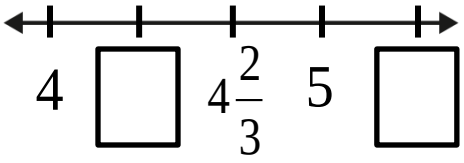
4. Convert the units.

9 pt = ___ c

5. There are 836 witches, 433 ghosts, and 621 mummies at the costume parade. About how many parade-goers are there in all?

THURSDAY

1. Complete the number line.



2. Are these fractions equivalent? Explain.

$\frac{1}{3}$ $\frac{2}{4}$

3. How many faces on 5 cubes?

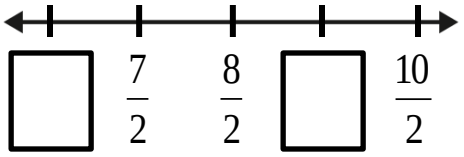
4. Convert the units.

18 c = ___ pt

5. Mike exercised for 45 minutes on Monday and 34 minutes each day from Tuesday until Friday. About how many hours did he exercise this week?

FRIDAY

1. Complete the number line.



2. Are these fractions equivalent? Explain.

$\frac{8}{10}$ $\frac{4}{5}$

3. How many edges on 4 square pyramids?

4. Convert the units.

8 qt = ___ pt

5. Mrs. Campbell bought 545 animal stickers, 101 smelly stickers, and 366 glitter stickers to hand out to her class this year. About how many stickers did she purchase?

REFLECT & GROW

CORRECTION #1

CORRECTION #2

REFLECT: What skills do you still need to work on in math? Explain.

_____

_____

_____

_____

TEACHER NOTES:

GRADE:

NAME: _____ WEEK 18

DAILY MATH PRACTICE

MONDAY

1. Complete the table.

x	x + 45
24	
72	
121	

2. Write as a fraction or a mixed number.

6.020

3. Circle the quotient.

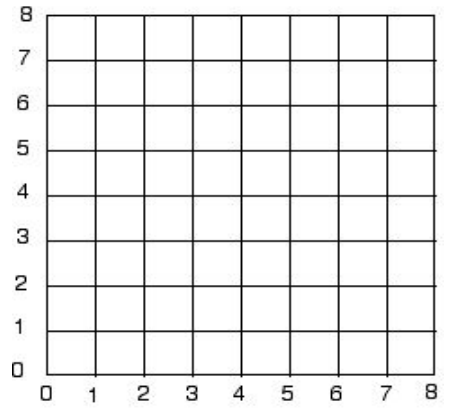
144 ÷ 12 = 12

4. Convert the units.

25 m = _____ cm

5. Graph the ordered pairs.

x	1	5	6	4
y	2	8	3	5



TUESDAY

1. Complete the table.

x	4x
24	
36	
50	

2. Write as a fraction or a mixed number.

2.007

3. Circle a factors.

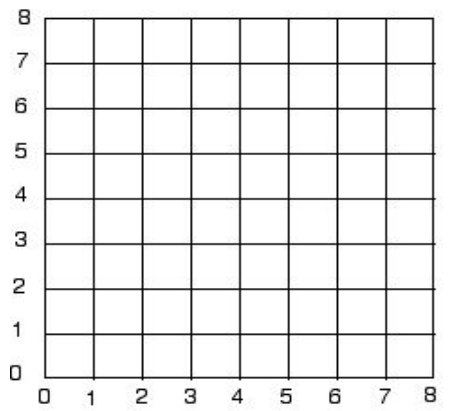
8 x 7 = 56

4. Convert the units.

10 m = _____ mm

5. Graph the ordered pairs.

x	6	5	4	3
y	4	3	2	1



WEDNESDAY

1. Complete the table.

x	100 - x
24	
36	
50	

2. Write as a fraction or a mixed number.

0.052

3. Circle the divisor.

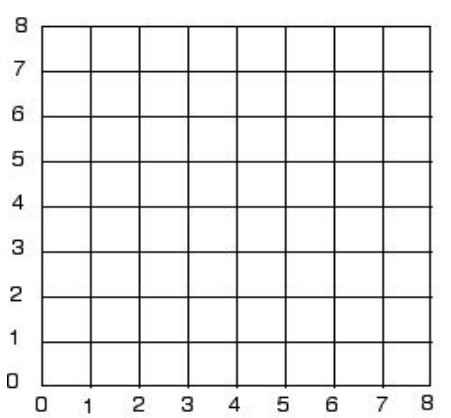
72 ÷ 9 = 8

4. Convert the units.

300 cm = ____ m

5. Graph the ordered pairs.

x	1	2	4	6
y	2	4	6	8



THURSDAY

1. Complete the table.

x	24 ÷ x
4	
6	
12	

2. Write as a fraction or a mixed number.

0.826

3. Circle the product.

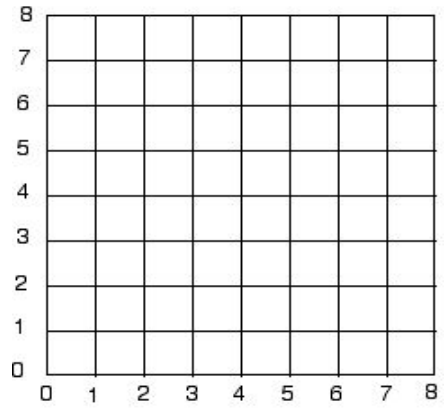
7 x 7 = 49

4. Convert the units.

900 mm = _____ cm

5. Graph the ordered pairs.

x	0	1	2	3
y	0	3	5	7



FRIDAY

1. Complete the table.

x	15x
2	
5	
10	

2. Write as a fraction or a mixed number.

1.080

3. Circle the dividend.

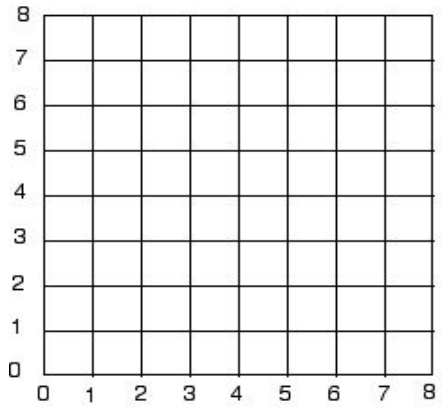
100 ÷ 10 = 10

4. Convert the units.

4,000 mm = _____ cm

5. Graph the ordered pairs.

x	8	7	6	5
y	8	5	3	0



REFLECT & GROW

CORRECTION #1

REFLECT: After 18 weeks, where do you think you have grown the most as a mathematician? Why?

_____

_____

_____

_____

CORRECTION #2

TEACHER NOTES:

GRADE: