Monthly Themed
Math Practice

JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
~~DECEMBER~~

4th Grade

Name: _____ Date: _____

DECORATE THE CHRISTMAS TREE
with factors

Name: _____ Date: _____

LINES OF SYMMETRY
with christmas candy

Santa deliver the gifts by drawing the line of symmetry in each shape!

Name: _____ Date: _____

TURKEY TROT
word problems

Directions: Can you make it to the finish line of the Turke... the word problems to reach the end!

Name: _____ Date: _____

VALENTINE'S TRAIN
ordering decimals

...oard the Valentine's Train! Write the decimals in order...

Name: _____

MULTIPLES
of whole numbers

Name: _____ Date: _____

EARTH DAY
comparing multi-digit numbers

Name: _____

FRACTION SORT
with equivalent decimals

Name: _____ Date: _____

COLLECTING SEASHELLS
find the missing number

Name: _____ Date: _____

SPRINGTIME
symmetry

Name: _____ Date: _____

BACK TO SCHOOL
addition and subtraction

Name: _____ Date: _____

PARTY IN THE USA
adding pizza fractions

Directions: A group of fourth graders had a pizza party for the...

Name: _____ Date: _____

APPLE TREE
division

Directions: The ap... don't fall ... from the tree! Solve each div... inside each bask... then draw ... m the basket to the apple co... correct answ...

458
1,246
1,569

Name: _____ Date: _____

WITCHES BREW
equivalent fractions

Directions: These witches love to make brew with frac... to $\frac{3}{4}$. Draw a line from the brew to all of the fraction...

$\frac{3}{4}$ $\frac{1}{3}$ $\frac{9}{12}$

MagiCore

Color and

Blackline versions

ADDITION AND SUBTRACTION
journey to the pot of gold

Directions: Can you make it to the pot of gold? Solve each addition and subtraction problem co...

START

1462
−224

1,259

8,912
+2,331

7,693
−4,282

3,411

6,757
+3,990

ESTIMATING SUMS
to the nearest whole number

Directions: Round each decimal to the nearest whole number to estimate the sum.

1. 52.34
+10.09   + _____

2. 64.48
+21.23   + _____

43.66
+35.91   + _____

94.55
+63.09   + _____

78.57
+52.45   + _____

55.01
+24.62   + _____

FACT FLUENCY
crack the code

Directions: Can you crack the code to answer the riddle? Solve each multiplication problem. Then, find your answer down below and write the corresponding letter on the line.

Riddle: Why is it important to never iron a four-leaf clover?

Y	U	C	W	P
85 ×72	94 ×33	12 x11	67 ×86	59 ×70

R	N	O	A	T
90	72	54	96	88

Color and
Blackline
versions

DECK THE HALLS

comparing fractions from least to greatest

Directions: Put the fractions in order from least to greatest. Write the fractions in each stocking.

1.

$\frac{2}{3}$ $\frac{1}{4}$ $\frac{5}{10}$ $\frac{3}{4}$

2.

$\frac{2}{4}$ $\frac{6}{8}$ $\frac{10}{10}$

Name: _____   Date: _____

DECK THE HALLS

comparing fractions from least to greatest

Directions: Put the fractions in order from least to greatest. Write the fractions in each stocking.

1.

$\frac{2}{3}$ $\frac{1}{4}$ $\frac{5}{10}$ $\frac{3}{4}$ $\frac{1}{1}$

2.

$\frac{2}{4}$ $\frac{6}{8}$ $\frac{10}{10}$ $\frac{1}{3}$ 0

Color and
Blackline versions

Name: _____
Date: _____

COMPARING FRACTIONS
with hot cocoa

Directions: Which glass of hot cocoa has more cups of marshmallows? Compare the fractions using the symbols: >, <, =. Record your answer inside the marshmallows.

1. $\frac{2}{3}$ ⬜ $\frac{5}{6}$

2. $\frac{1}{4}$ ⬜ $\frac{3}{18}$

3. $\frac{2}{4}$ ⬜ $\frac{2}{3}$

4. $\frac{4}{6}$ ⬜ $\frac{1}{4}$

5. $\frac{3}{4}$ ⬜ $\frac{10}{20}$

6. $\frac{12}{24}$ ⬜ $\frac{2}{3}$

7. $\frac{2}{6}$ ⬜ $\frac{4}{12}$

8. $\frac{6}{7}$ ⬜ $\frac{5}{8}$

9. $\frac{12}{18}$ ⬜ $\frac{1}{3}$

10. $\frac{5}{7}$ ⬜ $\frac{4}{6}$

Name: _____ Date: _____

SPRING PEEPS
division color by code

Purple =	Green =	Yellow =	Blue =	Pink =
2) 358	8) 824	5) 465	9) 684	7) 441

103   103
76
179   179
63
179
179   93
179
93   179
179
93
93
179   179
103   103

Name: _____ Date: _____

PLACE VALUE
rounding to whole numbers

Directions: Happy Earth Day! For numbers 1-4, round the decimal to the nearest whole number. For numbers 5-8, round the mixed fractions to the nearest whole number.

1. 2.51 _____

2. 4.78 _____

3. 3.49 _____

4. 4.50 _____

5. $2\frac{3}{4}$ _____

6. $1\frac{1}{2}$ _____

7. $3\frac{2}{3}$ _____

8. $1\frac{1}{4}$ _____

Color and

Blackline versions

MEMORIAL DAY
equivalent fractions with bar models

Directions: Shade in the bar models to determine the equivalent fraction. Then write the missing numerator on each flag.

1. $\frac{1}{2} = \frac{}{4}$

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

2. $\frac{4}{6} = \frac{}{12}$

$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{12}$ $\frac{1}{12}$	$\frac{1}{12}$ $\frac{1}{12}$	$\frac{1}{12}$ $\frac{1}{12}$	$\frac{1}{12}$ $\frac{1}{12}$	$\frac{1}{12}$ $\frac{1}{12}$	$\frac{1}{12}$ $\frac{1}{12}$

3. $\frac{3}{4} = \frac{}{8}$

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{8}$ $\frac{1}{8}$	$\frac{1}{8}$ $\frac{1}{8}$	$\frac{1}{8}$ $\frac{1}{8}$	$\frac{1}{8}$ $\frac{1}{8}$

4. $\frac{1}{3} = \frac{}{9}$

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

5. Create your own:

Name: _____ Date: _____

MEMORIAL DAY
multiplication color by code

Light Blue	Red	White	Yellow	Gray
32 x24	76 x59	61 x40	86 x27	95 x73

768 · 768 · 2,322 · 2,322 · 2,322 · 768 · 768 · 4,484 · 3,060 · 2,440 · 3,060 · 4,484 · 2,440 · 2,440 · 3,060 · 3,060 · 2,440 · 4,484 · 2,440 · 4,484 · 4,484 · 2,440 · 4,484 · 2,440 · 2,440 · 2,440 · 4,484 · 4,484 · 2,440 · 4,484 · 2,440 · 440 · 2,322 · 2,440 · 2,322 · 2,322 · 2,322 · 768 · 768 · 768 · 768

- Variety of 4th Grade Skills
- Great for spiral review and repeated progress.

Name: _____

Date: _____

ST. PATRICK'S DAY
line plot

Directions: All the 4th grade classes went on a scavenger hunt for hidden leprechauns! They measured the height of each leprechaun and recorded the data in the chart. Create a line plot to represent the data.

Leprechauns Found	Height
Leprechaun 1	$32\frac{1}{2}$ in.
Leprechaun 2	$38\frac{1}{4}$ in.
Leprechaun 3	35 in.
Leprechaun 4	$50\frac{1}{4}$ in.
Leprechaun 5	42 in.
Leprechaun 6	$48\frac{3}{4}$ in.
Leprechaun 7	$45\frac{1}{2}$ in.
Leprechaun 8	34 in.

Date: _____

Name: _____

GEOMETRY CHALLENGE
polygons and angles

Directions: Help! Can you draw a polygon or angle to match the leprechaun's requests? Draw the correct angle or polygon in the box and label your answers.

Draw a polygon with only one set of parallel lines.	Draw a shape with perpendicular lines.
Draw a polygon with 8 sides of equal length.	Draw an irregular polygon.
Draw an irregular hexagon.	Draw two congruent shapes.

- **Variety of 4ᵗʰ Grade Skills**
- **Great for spiral review and repeated progress.**
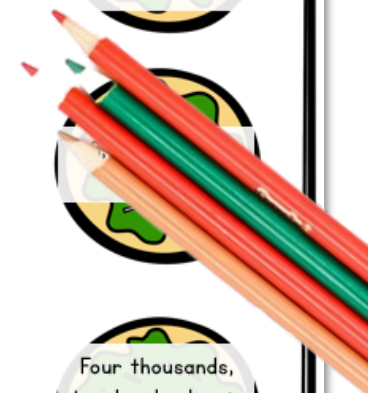
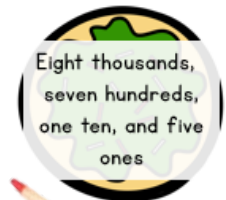## LINES OF SYMMETRY
with chris

Directions: Help Santa deliver the gifts by
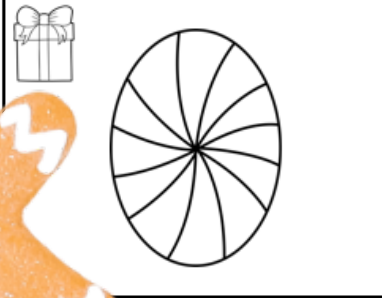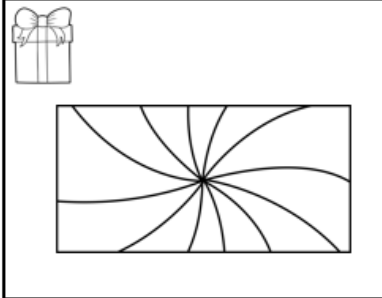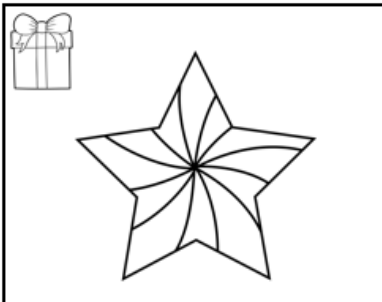
PLACE VALUE
cookie match-up

Directions: Draw a line to match the plate with the cookie showing the correct place value.

Name: _____ Date: _____

8,715

4,263

6,492

9,128

6,000 + 400 + 90 + 2

Eight thousands, seven hundreds, one ten, and five ones

Four thousands, two hundreds, six tens, and three ones
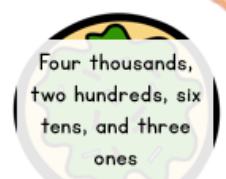
- Variety of 4th Grade Skills
- Great for spiral review and repeated progress.
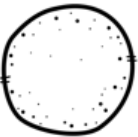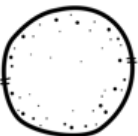
Name: _____ Date: _____

SNOWBALL
simplified f...
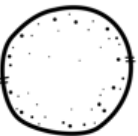
Directions: Write the fractions in thei...
the snowball to reflect the simplest fo...

1.
$$\frac{25}{50} =$$
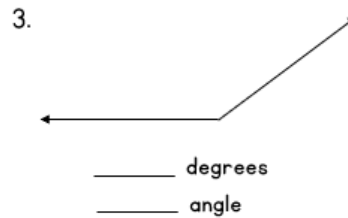
3.
$$\frac{9}{27} =$$

5.
$$\frac{4}{16} =$$

7.
$$\frac{9}{18} =$$

$$\frac{14}{21} =$$

Name: _____ Date: _____

MEASURING ANGLES
with a protractor

Directions: Help! Measure each angle with a protractor before
the icicle melts! Then, name the angle.

1.
_____ degrees
_____ angle

2.
_____ degrees
_____ angle

3.
_____ degrees
_____ angle

4.
_____ degrees
_____ angle

5.
_____ degrees
_____ angle

6.
_____ degrees
_____ angle
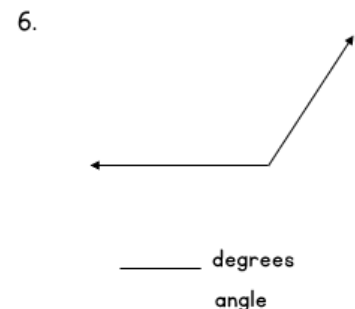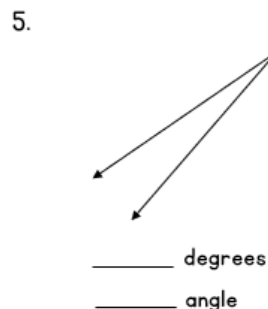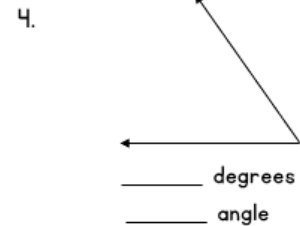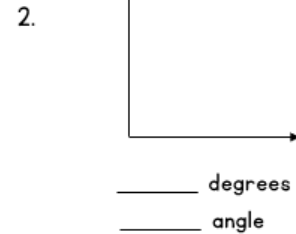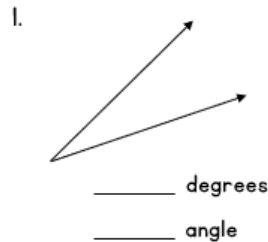
- **Variety of 4ᵗʰ Grade Skills**
- **Great for spiral review and repeated progress.**

Name: _____   **Date:** _____

FACT FLUENCY
crack the code

Directions: Can you crack the code to answer the riddle? Solve each multiplication problem. Then, find your answer down below and write the corresponding letter on the line.

Riddle: Why couldn't the flower ride its bike?

I	S
82 x71	94 x65
A	**L**
64 x76	10 x11

5,822	5,525		110	8,217	
4,400	1,218	5,525	4,864	110	
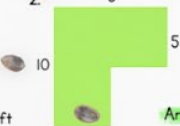
Name: _____   **Date:** _____

CALCULATING AREA
of compound shapes

Directions: Mrs. Johnson's 4ᵗʰ grade class worked together to clean different parks on Earth Day! Find the area of each park below.
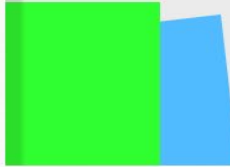
1. 15 / 15
    Area = _____ sq ft

2. 8 / 5 / 10
    Area = _____ sq ft

3. 10 / 15
    Area = _____ sq ft

4. 10 / 10 / 5 / 5
    Area = _____ sq ft

5. 30 / 12
    Area = _____ sq ft

- Variety of 4th Grade Skills
- Great for spiral review and repeated progress.

FIND THE MISSING FACTOR
comparing numbers

Directions: Find the missing factor that makes the comparison correct. Color in the box that shows the correct answer.

1. 3 x ? > 122

42 35 29

2. 4 x ? < 155

61 55 28

3. 9 x ? = 324

32 36 44

4. 8 x ? > 580

93 62 59

5. 6 x ? = 492

92 94 82

6. 7 x ? < 677

87 98 99

7. 2 x ? > 100

36 84 45

8. 5 x ? = 325

70 55 65

MULTIPLICATION
number products

Day! Color in the even number products to
rial Day parade!

20 x 4	50 x 2	63 x 4	11 x 1
59 x 7	79 x 1	96 x 5	37 x 9
99 x 7	61 x 7	82 x 4	13 x 5
14 x 8	42 x 4	77 x 8	11 x 7
27 x 3	21 x 7	93 x 7	37 x 3
83 x 7	11 x 9	59 x 3	13 x 9
79 x 2	92 x 7	10 x 10	

ST. PATRICK'S DAY
division color by code

Green =	Blue =	Orange =	Black =	Yellow =
	02	6)444	3)276	7)574

ADDING FRACTIONS
with unlike denominators

Name: _____ **Date:** _____

Directions: Help the leprechaun collect all the coins by solving each problem correctly! First, fill in the blanks according to the shaded parts. Then, add the fractions together.

___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

___ + ___ = ___

Create your own:

___ + ___ = ___

Create your own:

___ + ___ = ___

MIXED OP...
word pr...

Directions: Help Santa get back to th...
correctly to help him get home safel...

3. Santa's elves went shopping for new tools. They bought 6 hammers for $6.50 each. They paid with a $50 dollar bill. How much change will they get in return?

4. Hailey packed 10 boxes of candy canes for her family. She placed 6 peppermint candy canes and 8 watermelon candy canes in each box. How many candy canes did she pack in total?

...reindeer e...
house?

Name: _____

TOY SHOP CR...
with unkn...

Directions: Help the elves pack up t...
unknown number in each sequence. W...
gift.

50	÷	🎁	=	5
		🎁	x	
		x	x	12
		x		=
	65			
	=			🎁
🎁	x	260	=	520

Name: _____   Date: _____

| White 3)270 | Yellow 2)536 | Green 4)1,124 |
| Blue 5)6,455 | Red 7)336 | Skin Tone 9)882 |

Numbers in coloring grid: 1,291 48 281 90 98 268

J IS FOR JANUARY
color by

Red = 20
×35

Green = 86
×23

Pink = 73
×68

Purple = 98
×82

252 220 4,266
220 4,964 700
1,302 4,266
4,266 4,266
4,266
4,964
1,978
1,978

Name: _____ Date: _____

FACT FLUENCY
crack the code

Directions: Can you crack the code to answer the riddle? Solve each multiplication problem. Then, find your answer down below and write the corresponding letter on the line.

Riddle: What is a snowman's favorite snack?

T	A	R	P	C
63 ×81	40 ×52	52 ×79	36 ×48	21 ×
K	**I**	**S**	**E**	
67 ×65	83 ×74	95 ×45	15 ×15	

6,142
4,355 4,108 6,142 4,275 1,728
5,103 4,108 225 2,080 5,103 4,274

Name: _____

MUL
of who
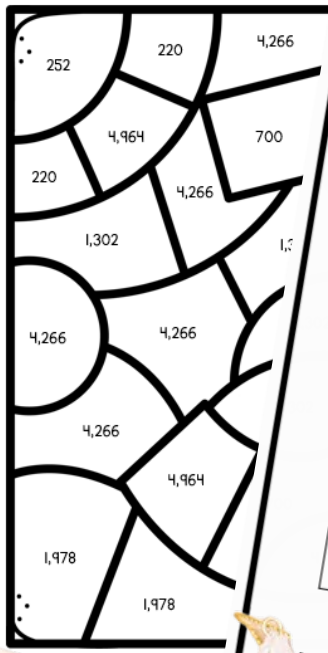
Directions: Which numbers are
ye is answer the questions befo

Shade in the snowballs that ar

3 12 15
55
24 55
108 27
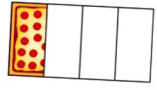117

VALENTINE'S DAY
line plots

Directions: Kayla's family and friends traveled from out of town to her Valentine's Day party! How many miles did her friends and family members travel? Create a line plot to represent the data below.

Miles Traveled	Number of Friends and Family
1 ¾ miles	4
½ miles	3
¾ miles	2
1 ½ miles	5

Create a line plot here:

1. What was the longest distance traveled? _____

2. What was the shortest distance traveled? _____

3. How many people traveled less than 1 mile? _____

4. How many people traveled farther than ½ mile? _____

5. What is the total distance traveled by all visitors? _____

VALENTINE'S DAY
division color by code

low =	Pink =	Blue =	White =
3)366	9)981	4)540	6)330

135 135 135 135
135
135
135
135
135
135
135

MATCHING
tions

...y for Valentine's Day!
...om the amount of pizza

$\frac{8}{16}$

$\frac{6}{24}$

$\frac{16}{48}$

$\frac{20}{30}$

$\frac{18}{24}$

$\frac{50}{50}$

EARTH DAY
measurement conversions

Directions: Our Earth Day superheroes are hard at work! Help our superheroes convert each measurement below.

1. 30 feet

2. 24 inches

3. 15 feet

4. 1 foot

5. 8 yards

EARTH DAY
line plot

Jasmine and her friends collected trash in their community for
They recorded the number of pieces of trash found in the
te a line plot for the data. Then, answer the questions.

Friends	Pieces of Trash Found
Jasmine	$8\frac{1}{2}$
Nelle	$16\frac{3}{4}$
Quincy	$12\frac{1}{2}$
Coralee	$8\frac{1}{2}$
Flynn	$4\frac{1}{4}$

_____ oralee find? _____

_____ nd than Jasmine? _____

_____ find than Nelle? _____

_____ ll? _____

DECIMAL SEQUENCES
with eggs

Directions: Spring has arrived! Help the bunny find the missing decimal to complete each sequence.

1. 2.2, 2.4, ___, ___, ___, ___, 3.4, ___, ___

2. 1.0, 1.7, 2.4, ___, ___, ___, ___, ___, ___

3. 5.5, 6.0, 6.5, ___, ___, ___, 8.5, ___, ___

4. 3.3, ___, 3.7, ___, 4.1, ___, ___, ___, ___

5. 6.4, ___, 7.2, ___, ___, ___, 9.2, ___, ___

Name: _____ Date: _____

CONVERSIONS
decimals and percentages

Directions: C_____ percentages.

3. 0.08 = _____ %

6. 0.10 = _____ %

9. 0.63 = _____ %

12. 0.075 = _____ %

15. 0.325 = _____ %

18. 60% = _____

21. 4% = _____

24. 51% = _____

27. 75% = _____

30. 84.2% = _____

33. 28.8% = _____

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Name: _____ Date: _____

FACT FLUENCY
crack the code

Directions: Can you crack the code to answer the riddle? Solve each multiplication problem. Then find your answer down below and write the corresponding letter on the line.

Riddle: What did the ghost say on Memorial Day?

R 45 ×45	H 52 ×63	D 75 ×37	W 84 ×66
N 92 ×70	E 65 ×71	T 89 ×86	O 55 ×95
B 40 ×__	I 18 ×15	A 92 ×97	🇺🇸

2,0__ 4,615 2,775 , 5,544 3,276 270 7,654 4,615 ,

8,924 5,440 2,775   3,200 5,225 5,225 !

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