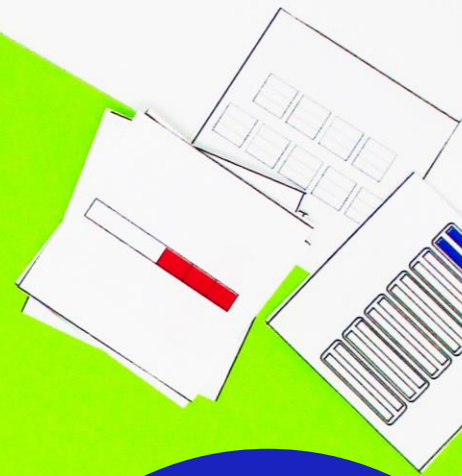


FRACTION

Word Problems

MULTIPLICATION & DIVISION

with models



NAME: _____

FRACTION WORD PROBLEM

Select between MULTIPLICATION or DIVISION

1. _____

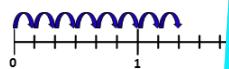
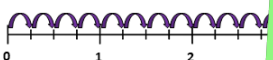
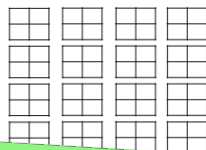
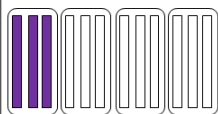
5

6

5th
GRADE

MARVEL Math

Includes 24 Task Cards with Fraction Word Problems and 24 Model Cards.



© Melissa Johnson www.MarvelMath.com

13

FRACTION MODELS

Evette made $\frac{1}{4}$ of her paper airplanes out of purple paper. She made 12 paper airplanes in all. How many are purple?



14

FRACTION MODELS

A smoothie recipe uses $\frac{1}{3}$ of a cup of almond milk. How much almond milk is needed to make 5 smoothies?



15

FRACTION MODELS

A candy store got a shipment of 16 lbs. of gummy bears. If all of the gummy bears are placed in boxes that hold $\frac{1}{4}$ lb. each, how many boxes are needed?



16

FRACTION MODELS

Alex listened to music for $\frac{1}{2}$ of an hour. He heard 6 songs. About what fraction of an hour was each song?



© Melissa Johnson www.MarvelMath.com

Students solve each problem and find the matching model.

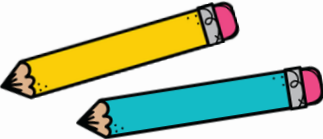
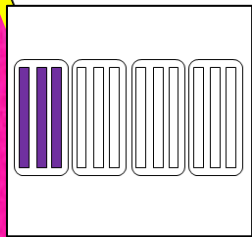
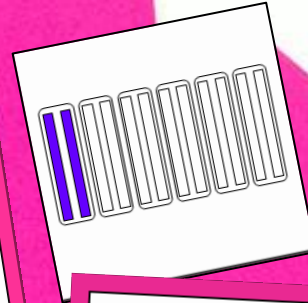
1
FRACTION MODELS

Mark is going to run $\frac{3}{4}$ miles. Each lap around the track is $\frac{1}{4}$ of a mile. How many laps will he need to run to complete 3 miles?



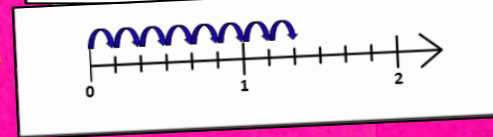
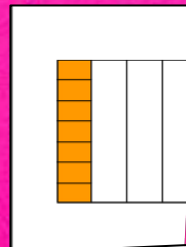
2
FRACTION MODELS

There are 5 boxes of pencils. Each box weighs $\frac{1}{8}$ of a pound. How much do the boxes weigh in all?

3
FRACTION MODELS

Ava bought $\frac{1}{2}$ lb. of candy. She is going to share the candy with 2 of her friends. If each of the 3 girls get the same amount, how much will each girl receive?

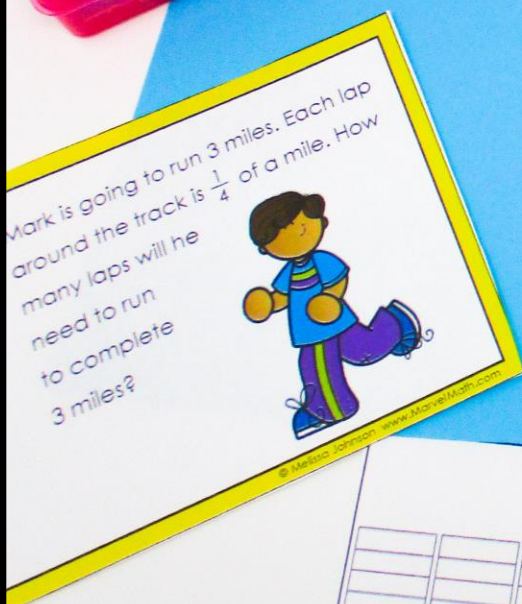



FRACTION WORD PROBLEMS
Select between
MULTIPLICATION & DIVISION
TEKS: 5.3I, 5.3J, 5.3L
Johnson www.MarvelMath.com

WORD PROBLEMS KEY

1. $8 \div \frac{1}{6} = 48$ cups of pudding	2. $5 \times \frac{1}{8} = \frac{5}{8}$ lb.	3. $\frac{1}{2} - 3 = \frac{1}{6}$ lb.	4. $3 - \frac{1}{4} = 12$ laps
5. $\frac{1}{2} - \frac{4}{8} = \frac{1}{8}$ of the pizza	6. $\frac{1}{6} \times 12 = \frac{12}{6} = 2$ bags	7. $\frac{1}{4} - 7 = \frac{1}{28}$ lb.	8. $9 - \frac{1}{3} = 27$ hamburgers
9. $5 - \frac{1}{4}$	10. $2 - \frac{1}{6} = \frac{11}{6}$ necklaces	11. $4 - \frac{1}{8} = \frac{31}{8}$ cups of lemonade	12. $8 \times \frac{1}{2} = 4$ yo-yos

Recording Sheets included!



NAME: _____

FRACTION WORD PROBLEMS
Select between MULTIPLICATION & DIVISION

In the boxes below:
-record the equation that represents
-draw a model that represents the problem
-write the answer to the problem

1.	2.	3.	4.
5.	6.	7.	8.
9.	10.	11.	

All Word Problems Involve Fractions Multiplied or Divided by Whole Numbers.

14
FRACTION MODELS

A smoothie recipe uses $\frac{1}{3}$ of a cup of almond milk. How much almond milk is needed to make 5 smoothies?



15
FRACTION MODELS

13
FRACTION MODELS

Evette made $\frac{1}{4}$ of her paper airplanes out of purple paper. She made 12 paper airplanes in all. How many are purple?

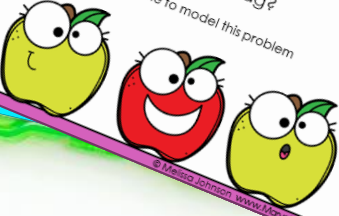


23
FRACTION MODELS

24
FRACTION MODELS

Apples are sold in 6 lb. bags. If each apple is about $\frac{1}{3}$ of a pound, about how many apples are in each bag?

**use a number line to model this problem*



No Prep Practice

Put the pages in dry erase pockets for a no prep station.

13

FRACTION MODELS

Evette made $\frac{1}{4}$ of her paper airplanes out of purple paper. She made 12 paper airplanes in all. How many are purple?



14

FRACTION MODELS

A smoothie recipe uses $\frac{1}{3}$ of a cup of almond milk. How much almond milk is needed to make 5 smoothies?



15

FRACTION MODELS

A candy store got a shipment of 16 lbs. of gummy bears. If all of the gummy bears are placed in boxes that hold $\frac{1}{4}$ lb. each, how many boxes are needed?



NAME: _____
FRACTION WORD PROBLEMS
Select between **MULTIPLICATION** & **DIVISION**

In the boxes below:
-record the equation
-draw a model that re
-write the answer to th

1.	2.	3.
4.	5.	6.
7.	8.	9.
10.		

Color and Black & White Versions

21

FRACTION MODELS

Evan rode her bike around the block 4 times in $\frac{1}{2}$ an hour. She went the same

22

FRACTION MODELS

Tyler is painting a fence. He used $\frac{1}{3}$ of a gallon to paint 6 feet of the fence. How much of a gallon of paint did he need to paint



23

FRACTION MODELS

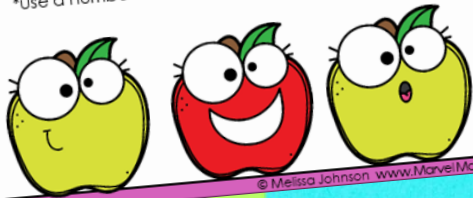
Ella is making popsicles with juice. She poured $\frac{1}{6}$ of a cup of juice into each popsicle mold and made 8 popsicles. How much

24

FRACTION MODELS

Apples are sold in 6 lb. bags. If each apple is about $\frac{1}{3}$ of a pound, about how many apples are in each bag?

*use a number line to model this problem



© Melissa Johnson www.MarvelMath.com

21

Evan rode her bike around the block 4 times in $\frac{1}{2}$ an hour. She went the same

22

FRACTION MODELS

Tyler is painting a fence. He used $\frac{1}{3}$ of a gallon to paint 6 feet of the fence. How much of a gallon of paint is needed to paint the entire fence?

23

FRACTION MODELS

Ella is making popsicles with juice. She poured $\frac{1}{6}$ of a cup of juice into each popsicle mold and made 8 popsicles. How much

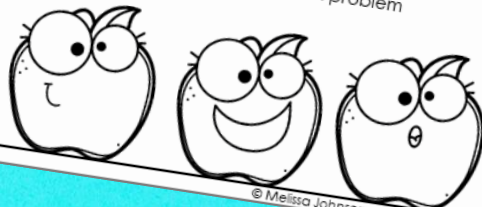


24

FRACTION MODELS

Apples are sold in 6 lb. bags. If each apple is about $\frac{1}{3}$ of a pound, about how many apples are in each bag?

*use a number line to model this problem



© Melissa Johnson www.MarvelMath.com

About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.



MARVEL Math