PRACTICE MAKES PERFECT

eve 4

practice sheets & quizzes

MASTERBOOKS® CURRICULUM

MASTERBOOKS®
CURRICULUM

Author: Angela O'Dell

Master Books Creative Team:

Editor: Willow Meek

Design: Terry White

Cover Design:
Diana Bogardus

Copy Editors:
Judy Lewis
Willow Meek

Curriculum Review:
Kristen Pratt
Laura Welch
Diana Bogardus

First printing: January 2022

Master Books®, P.O. Box 726, Green Forest, AR 72638

Master Books® is a division of the New Leaf Publishing Group, Inc.

ISBN: 978-1-68344-219-6
ISBN: 978-1-61458-790-3 (digital)

Images are from gettyimage.com, istock.com, and shutterstock.com.

Printed in the United States of America

Please visit our website for other great titles:

www.masterbooks.com

Author Bio:

As a homeschooling mom and author, **Angela O'Dell** embraces many aspects of the Charlotte Mason method yet knows that modern children need an education that fits the needs of this generation. Based upon her foundational belief in a living God for a living education, she has worked to bring a curriculum that will reach deep into the heart of home-educated children and their families. She has written over 20 books, including her history series and her math series. Angela's goal is to bring materials that teach and train hearts and minds to find the answers for our generation in the never-changing truth of God and His Word.

Scope and Sequence

Welcome to *Practice Makes Perfect Level 4*

Please carefully read through the following sections on how and when to use this optional *Math Lessons for a Living Education* supplemental product. It is necessary to have the main student book in order to complete these pages.

How to Implement *Practice Makes Perfect*

- After your student finishes with their lesson activity in their *Math Lessons* curriculum workbook, you, the parent, may decide to have them complete a little more practice.
- Please do not feel like you need to use every single activity page. Instead, choose activity pages based on the individual need of your student. If they need more practice or they would like to do more activity sheets, simply give them the page which meets their need.
- There are four quarterly quizzes included in each level of *Practice Makes Perfect*. Please remember, these are not mandatory. The oral narrations and the interactive nature of the *Math Lessons for a Living Education* curriculum is plenty for many families.

The Purpose and Goals of *Practice Makes Perfect*

- These extra practice pages are a resource for when a little extra practice is needed or wanted, and to give the families using the *Math Lessons for a Living Education* curriculum series helpful support in the form of four quarterly quizzes, which they can keep for their written records when such records are required by their state's educational laws.

Goals, Tips, and Focus for Review Lessons 31–36:

Lessons 31–36 are focused review lessons for the major concepts taught in this level of *Math Lessons for a Living Education*. Because these lessons are already focused reviews, there are no extra review pages in this *Practice Makes Perfect*. The goal for these lessons is for you, the parent, to be able to ensure your student has a good mastery of the concepts. To determine mastery, ask yourself these questions:

- Does my child show mastery through application? For example, can my child apply this concept in unrehearsed situations (not in their math book) to which I purposefully expose them?
- Does my child show mastery through real world connections? Do they purposefully and correctly use their math knowledge in real life?

How to make the most of the reviews:

As your child works through each of these review lessons, take the time to watch them interact with the concepts. Watch carefully how they interact with any manipulatives, the confidence they use when presenting any show-and-tell projects, and their ability to orally narrate their understanding of any and all of the concepts reviewed in these lessons. After they are finished with these review lessons, you have the option of having them complete the Quarter 4 Quiz.

Supply List

The following supplies are needed for completing these activities: tape measure, crayons, scissors, ruler, printer or construction paper, markers, small items (beans, beads, marbles, pennies, etc.), small containers or plates.

Worksheet Section

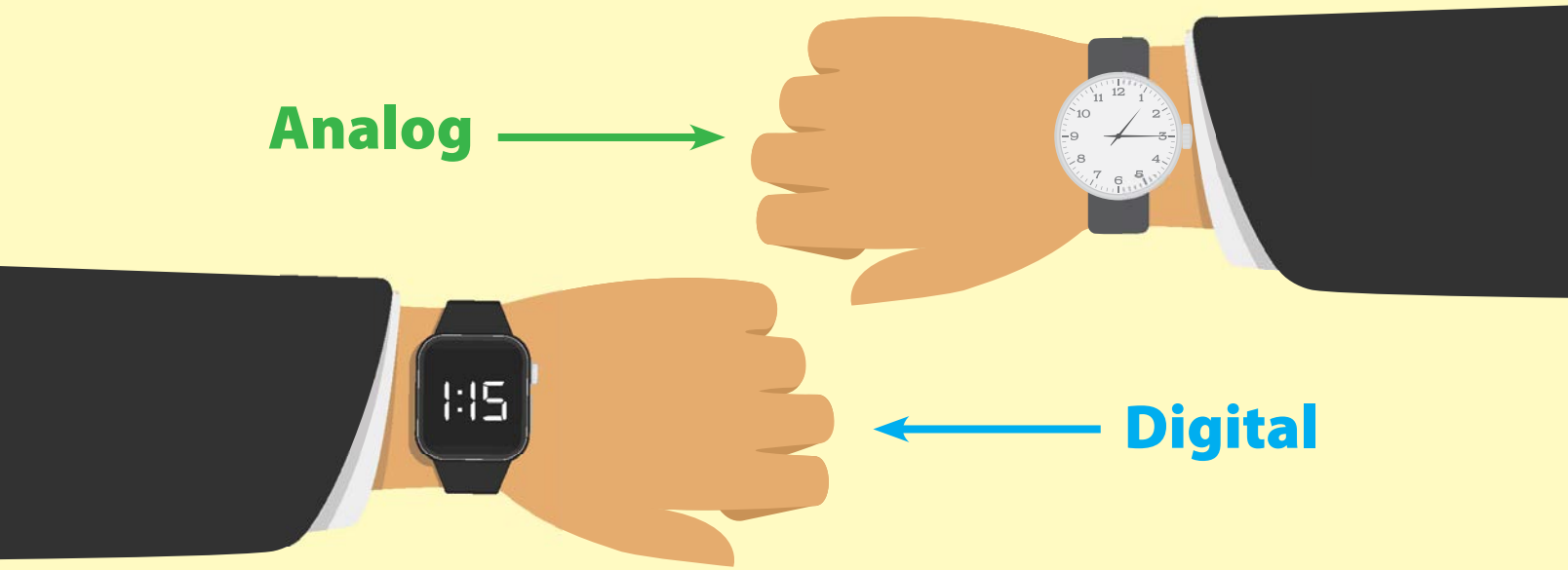
Let’s get started!

Name_____

Review of All Addition and Subtraction Concepts

Let's start off *Practice Makes Perfect 4* with a fun review of clocks and telling time. Use today's practice time to review and practice all of the following concepts! Make your page fun and colorful, and if you would like, hang it like a poster on your wall.

It's About Time



The short hand is the _____ hand.

The long hand is the _____ hand.

There are _____ minutes in 1 hour.

There are _____ minutes in a half hour.

On a _____ clock, o'clock = 00.

On a digital clock, half past the hour is _____.

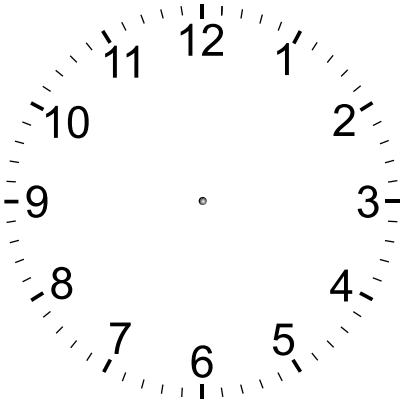
Blank for cutting purposes.

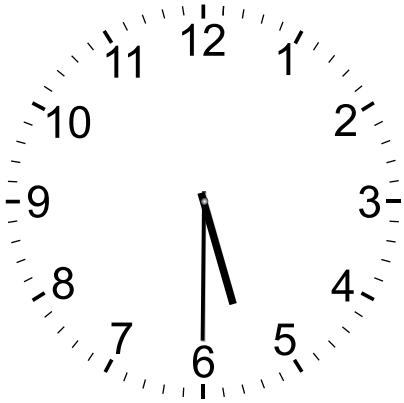
Name_____

Exercise 2

Study the clocks below and fill in the needed information to make the statement about each pair true.

1. If it's 5:30 now, what time was it 3 hours and 10 minutes ago?

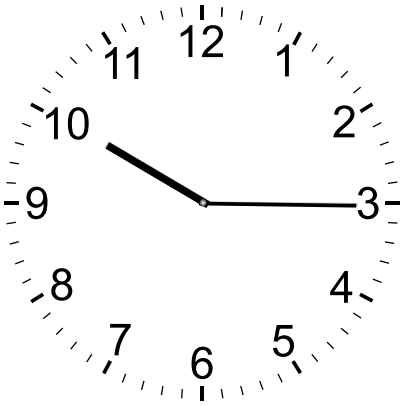


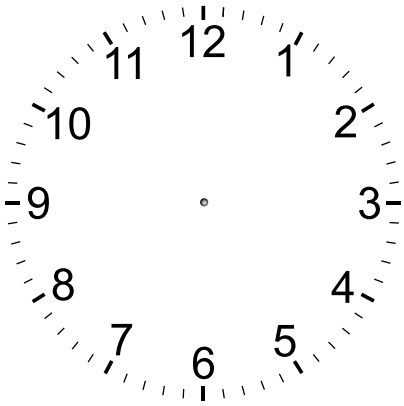


Draw and write the time.

_____:_____

2. If it's 10:15 now, what time will it be in 6 hours?

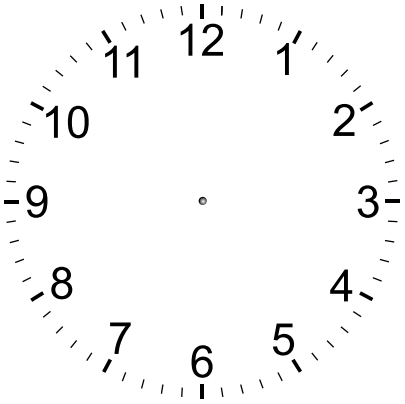


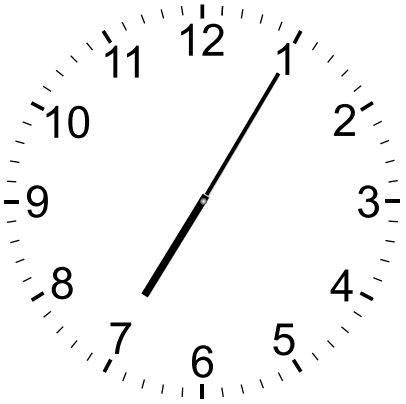


Draw and write the time.

_____:_____

3. If it will be 7:05 in 4 hours, what time is it now?

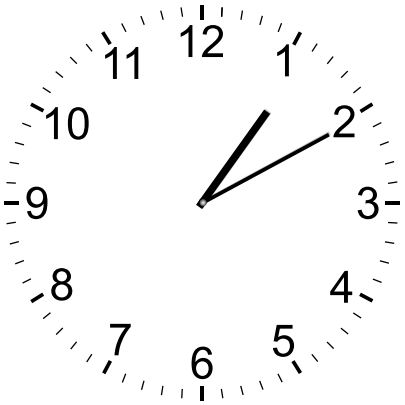


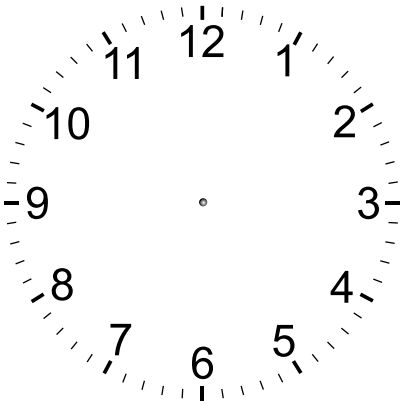


Draw and write the time.

_____:_____

4. If it is 1:10 now, what time will it be in 12 hours?





Draw and write the time.

_____:_____

Fill in the missing numbers and operation signs.

8 + ____ = 20 25 - ____ = 15 ____ + 4 = 18

Fill in the blanks with <, >, or =.

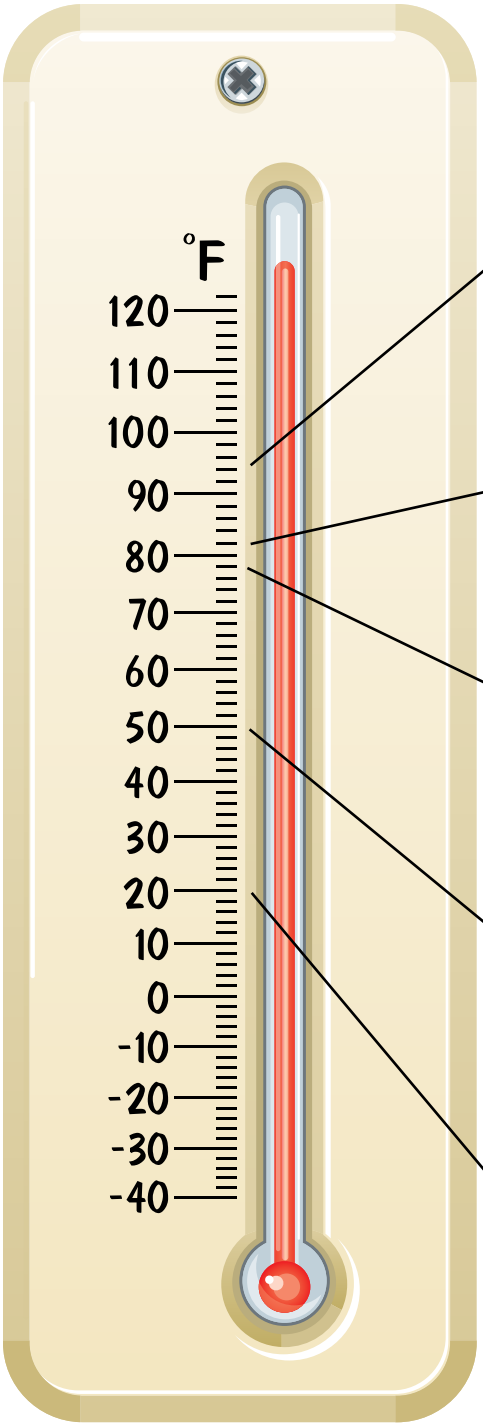
22 - 11 ____ 24 – 12 7 x 3 ____ 4 x 5

6 + 6 ____ 3 x 4

Name_____

Exercise 3

Hello friend! Being able to read a thermometer is an extremely useful skill. It's not only important to be able to read one of these gauges, you also need to understand how temperatures affect the world around us and our own lives. This activity will help you reinforce that knowledge. Cut out the degrees images and paste them on the correct box.



20 degrees

50 degrees

82 degrees

95 degrees

78 degrees

Blank for cutting purposes.

Name_____

Exercise 4

Today, you are going to be creating a Clue Words Study Buddy. In Lesson 1 Exercise 4 of your *Math Level 4* workbook, you worked through several word problems, solving and circling the clue words that helped you know how to solve them. In previous levels of *Math Lessons*, you have learned and practiced story problems using all four of the operations while solving story problems. As you move through *Math Level 4*, you will be solving many types of story problems. Now is a great time to review and practice these skills by creating a handy tool to use whenever you need it. Have fun and be as creative as you can!

What you will need for your Clue Words Study Buddy:

☐ A clean sheet of white or light-colored printer or construction paper

☐ Four colors of markers

☐ Scissors

Instructions:

1. Shutter fold the paper as shown.
2. Carefully cut each shutter in half.
3. Write: Addition +, Multiplication x, Division ÷, and Subtraction – on each of the shutter sections.
4. Inside, write the clue words for each operation. Here are a few to start you out:

   Addition: add, all, all together...

   Subtraction: take away, minus, less than...

   Multiplication: times, together...

   Division: divided, split, goes into...

Name_____

Exercise 5

In today's practice lesson, you are going to go on a measuring scavenger hunt. Measurements are all around us, so be creative and find some unusual objects to measure!

- ☐ Find something that is between 4 and 5 inches long.
- ☐ Find something that is exactly 10 inches long.
- ☐ Find something that is between 1 and 2 inches long.
- ☐ Find something that is between 6 and 8 inches long.
- ☐ Find something that is less than 12 inches but more than 9 inches long.
- ☐ Find something that is exactly 3 inches long.

Create a long subtraction problem for your teacher to solve.

Create a long addition problem for your teacher to solve.

Create a story problem for your teacher to solve. Use as many operations as you can.

Name_____

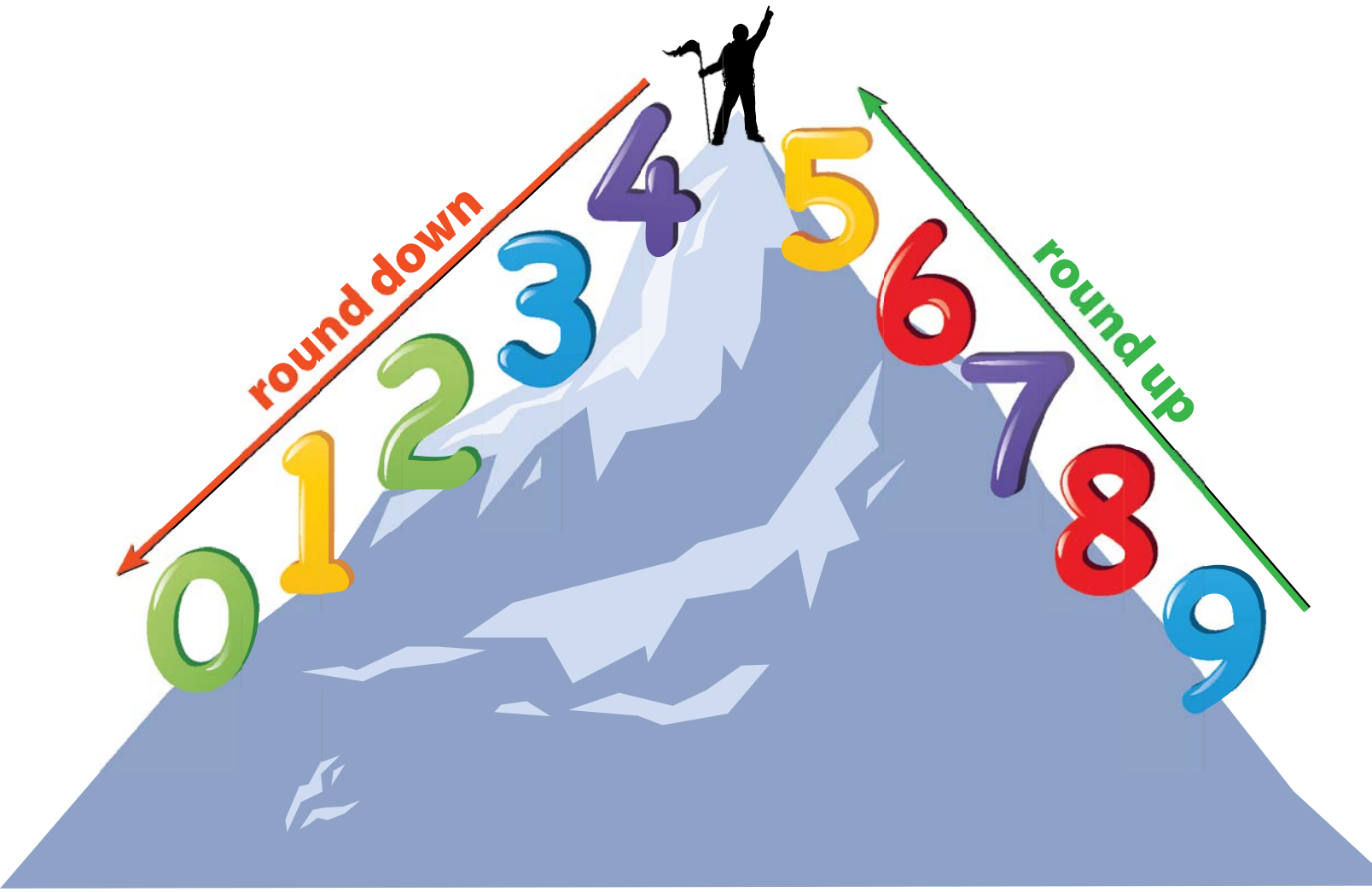
Exercise 1

Review of Place Value, Estimation, and Rounding

Rounding Mountian. Rounding can be a challenging concept! Let's take time in this week's practice exercises to make sure you know it "like the back of your hand." Remember, if the digit in the place to the right of the place you are rounding to is 0 through 4, you round down. If it is 5 through 9, you round up.

Using the graphic below as a guide, create your own Rounding Study Buddy. On a piece of printer or construction paper, draw a mountain and write numbers and arrows as shown. Fun option: Add a small photo of yourself at the top!

Keep your study buddy in a safe place for future use.



Name_____

Exercise 2

Round and estimate.

12 rounds to _____
+ 34 rounds to _____

estimated sum: _____

75 rounds to _____
+ 54 rounds to _____

estimated sum: _____

346 rounds to _____
+ 120 rounds to _____

estimated sum: _____

6,345 rounds to _____
+ 2,109 rounds to _____

estimated sum: _____

3,298 rounds to _____
+ 1,873 rounds to _____

estimated sum: _____

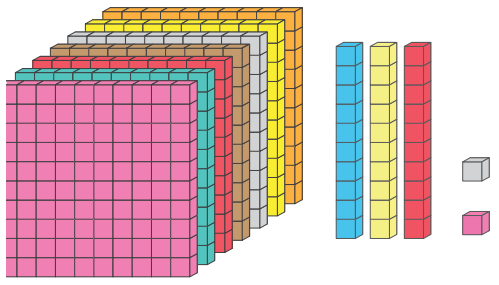
Now go back and find the actual answer to each problem.

Name_____

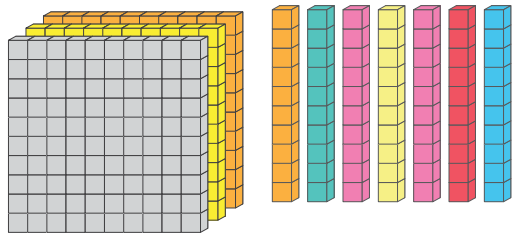
Place Value

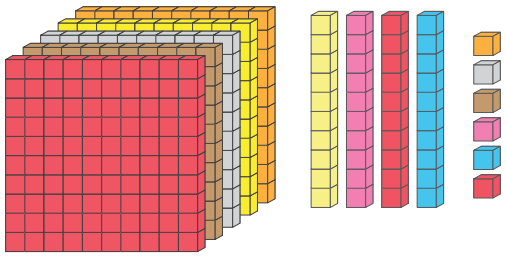
Using the chart below, add the cubes in each square and write your answer in the box provided. The first one is done for you.

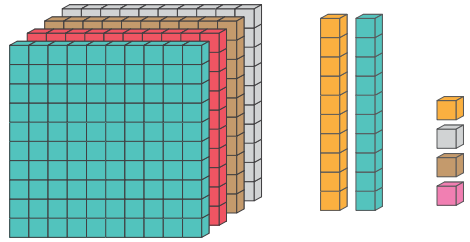
= 100 = 10 = 1

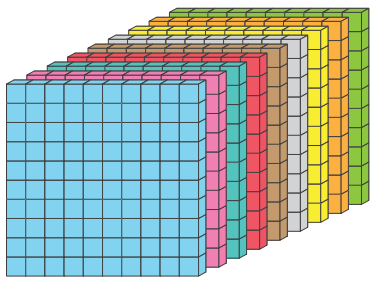


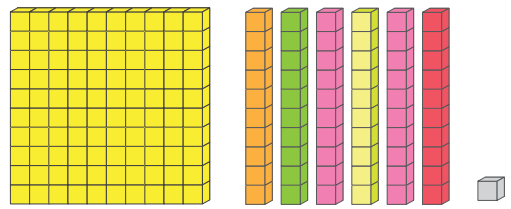
732











Name_____

Exercise 4

Place Value Chart

Directions:

1. Cut out the names of the place value places and glue them onto the chart where they belong.
2. Write in the commas where they are needed on the chart.
3. Color and decorate your chart and put it in a page protector in your notebook or hang it on your wall.
4. Practice reading the number out loud.

8	3	7	1	3	9	4

Name_____

Exercise 4

Ten Thousands	Ones	Millions	Tens	Hundreds	Thousands	Hundred Thousands

Blank for cutting purposes.

Name_____

Exercise 5

Solve these story problems.

1. You and your friend were making chocolate chip cookies for a fall church potluck. You got carried away laughing and joking and, before you realized it, you ate 19 chocolate chips! Your friend also ate a bunch of chocolatey goodness. Together, you ate 32 chocolate chips. How many did your friend eat?

2. The bag of chocolate chips you and your friend were using for your cookie project was a big one that your mom bought from the wholesale club. When you first opened it, your brother counted all of the chocolate chips in the bag and found that it contained 467 morsels of yumminess. After you and your friend ate some, how many were left for the baking project?

3. You and your friend had so much fun making and baking cookies! The cookies you made used up 231 of the chocolate chips. How many chocolate chips did your friend's cookies use?

Name_____

Exercise 5

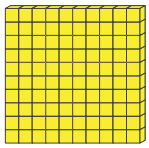
4. Which one of these shows 9,170?

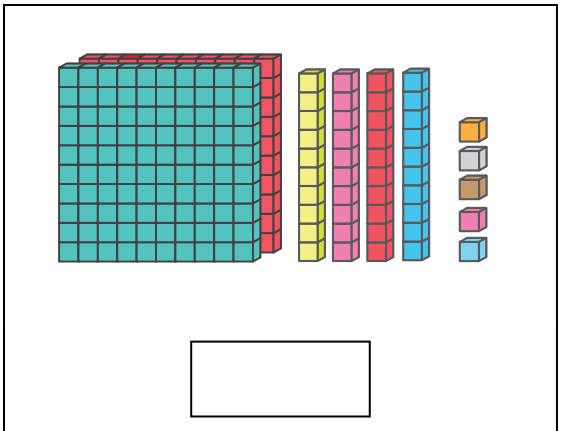
900 + 70 + 100 9,000 + 100 + 70

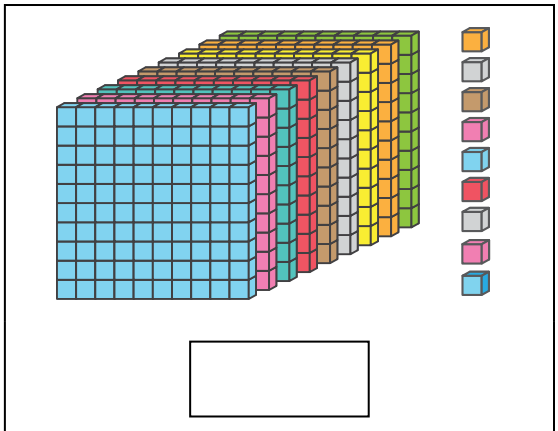
5. Which one of these shows 562?

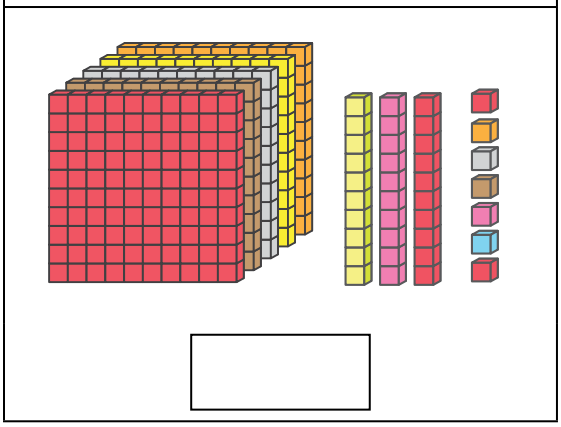
600 + 5 + 2 500 + 60 + 2

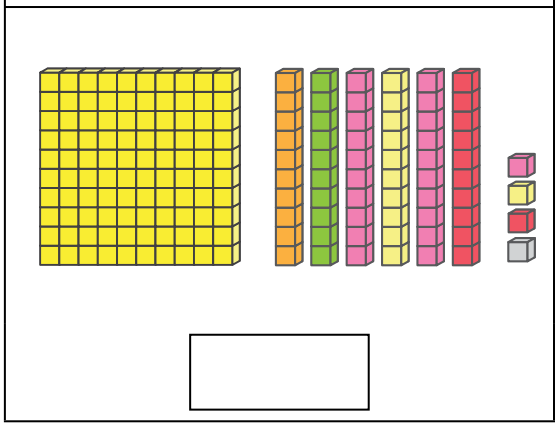
Using the chart below, add the cubes in each square and write your answer in the box provided.

 = 100  = 10 = 1





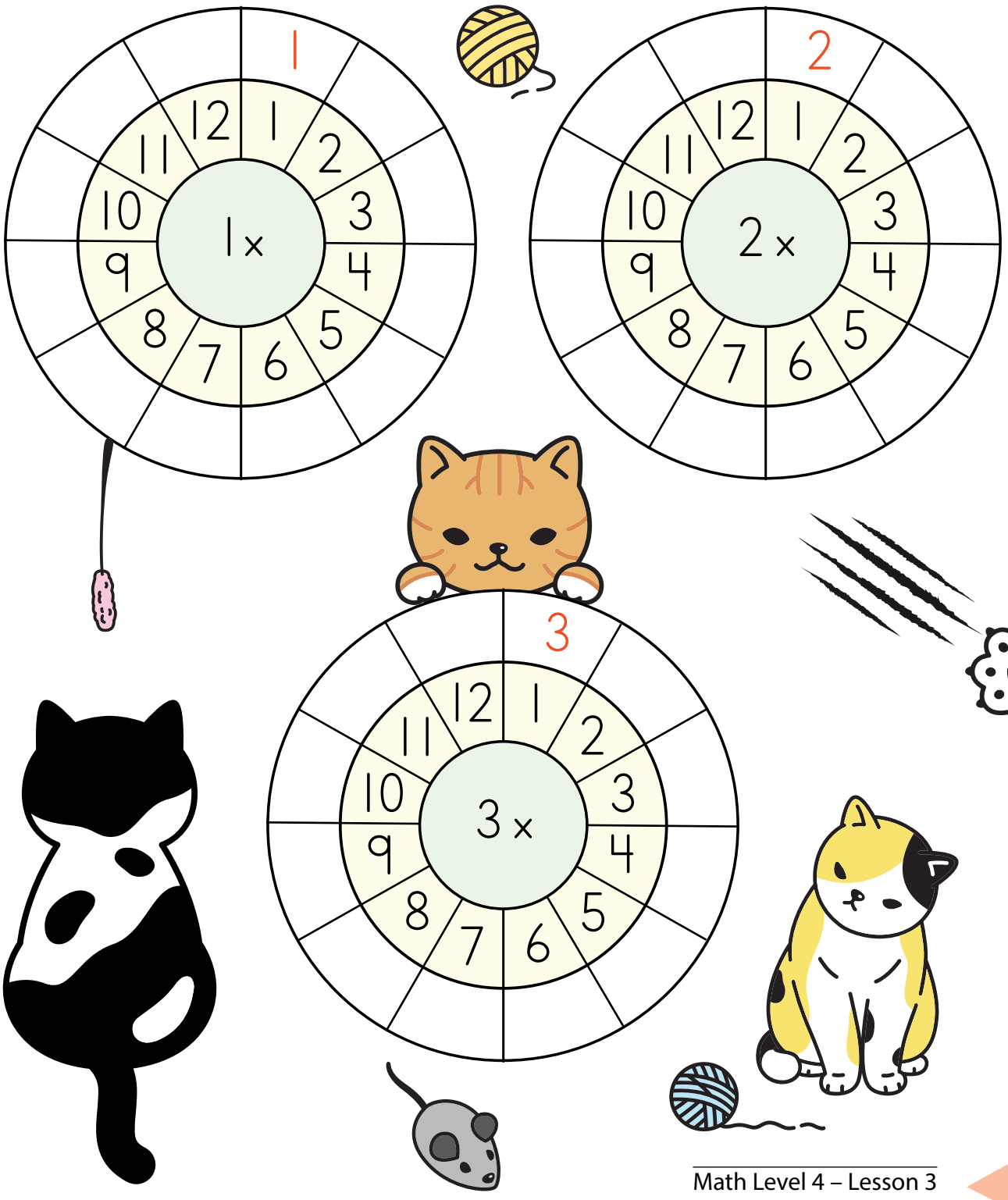




Name_____

Review of All Multiplication

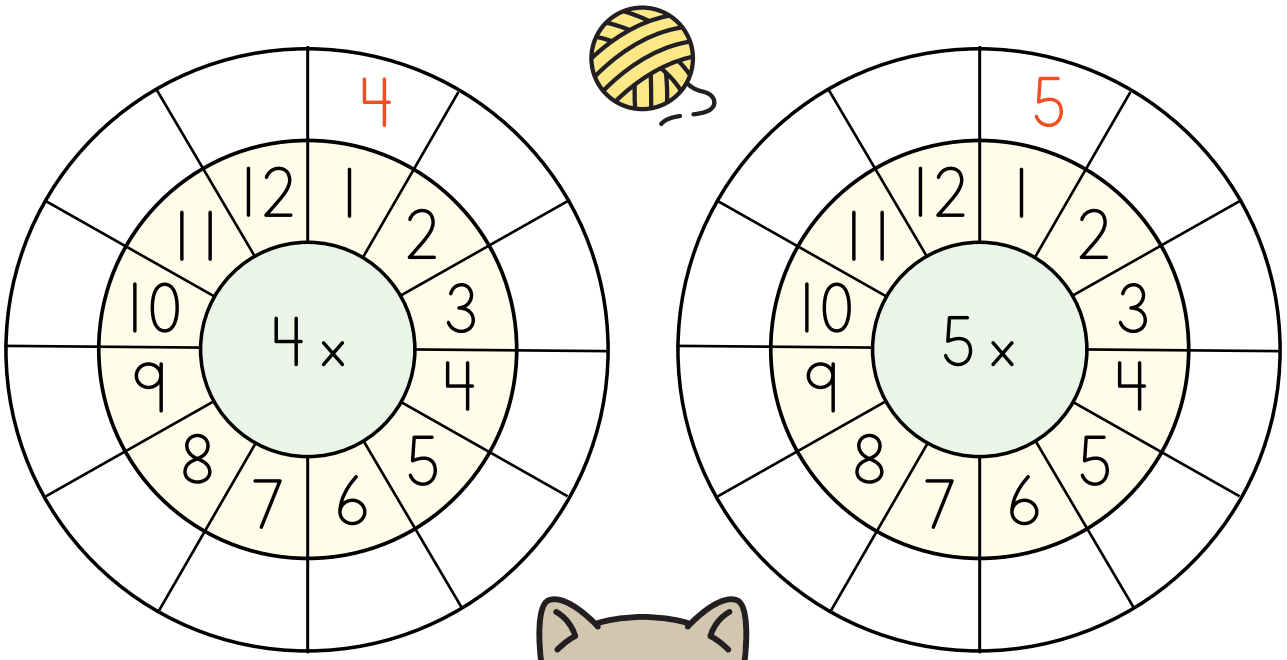
Let's practice multiplying by 1 through 6's using our fun wheels. Start in the center and multiply outward. Write the answer in the outer circle spaces.

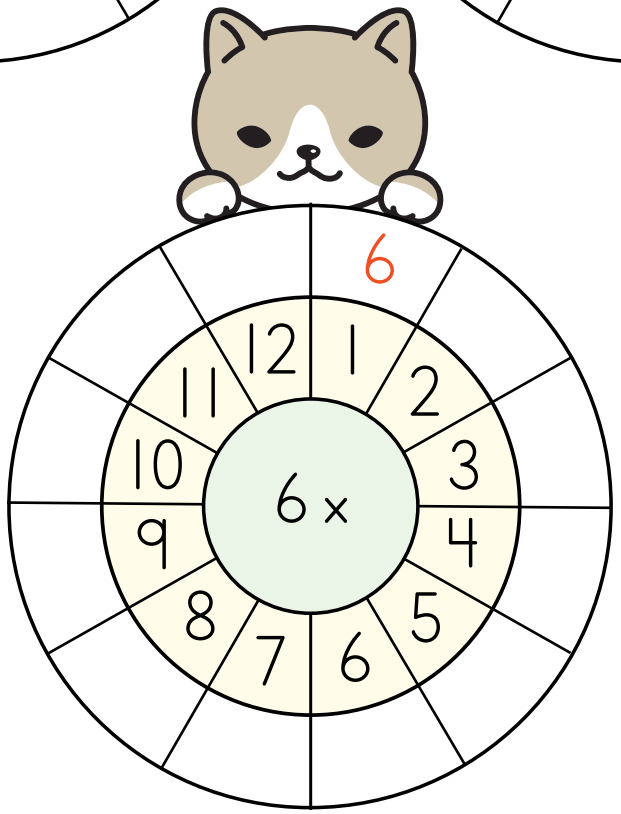


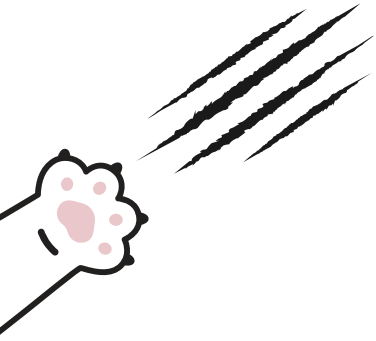
Name_____

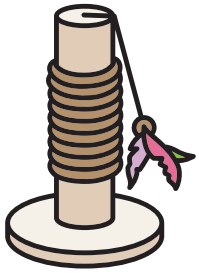
Exercise 1

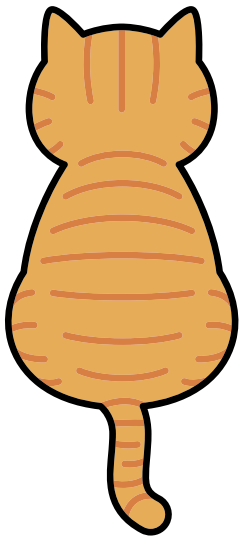
Start in the center and multiply outward. Write the answer in the outer circle spaces.

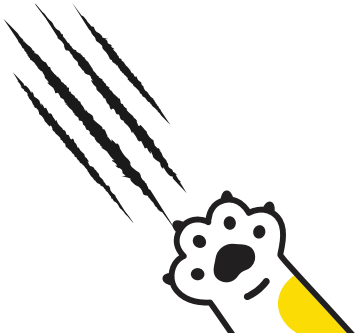








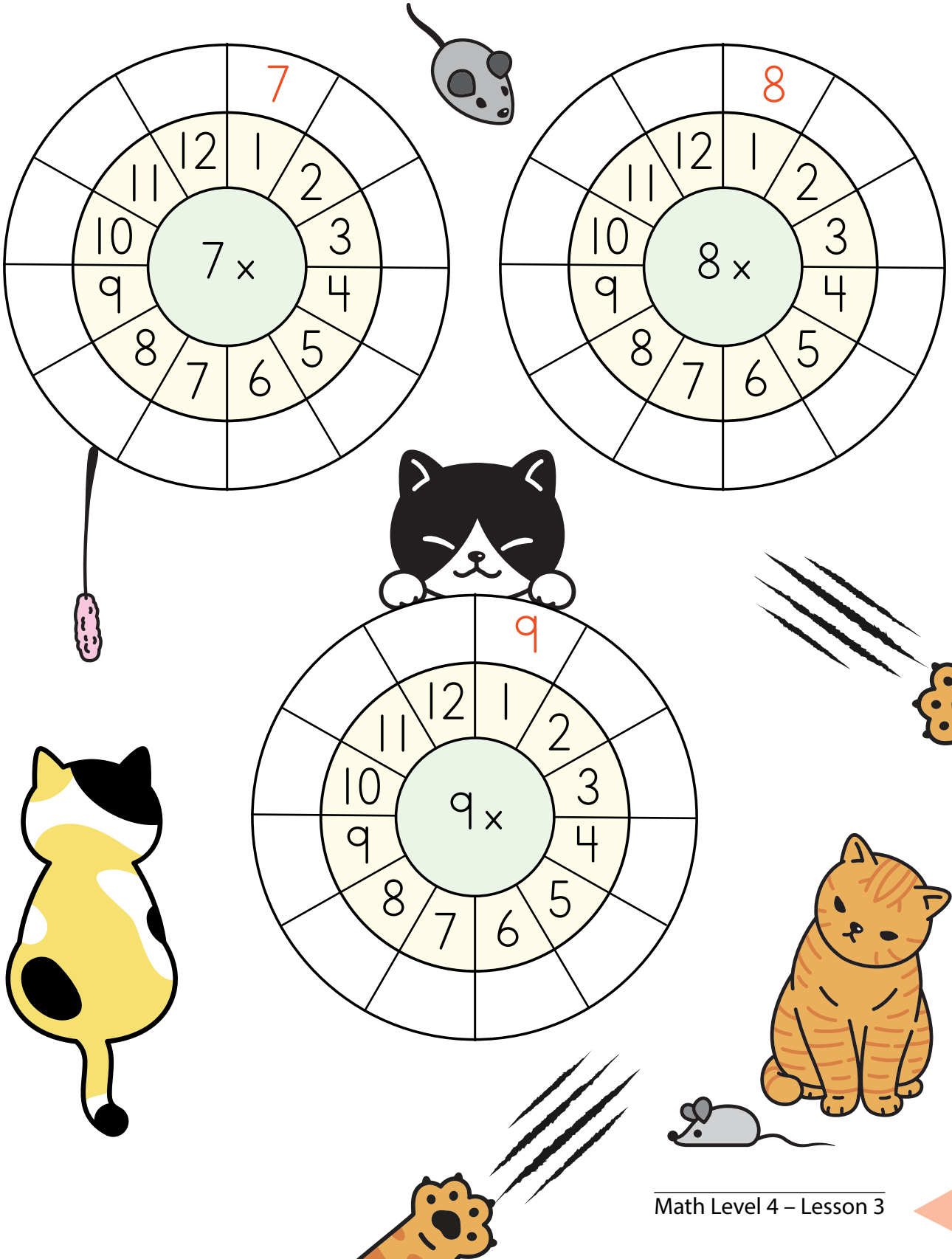




Name_____

Exercise 2

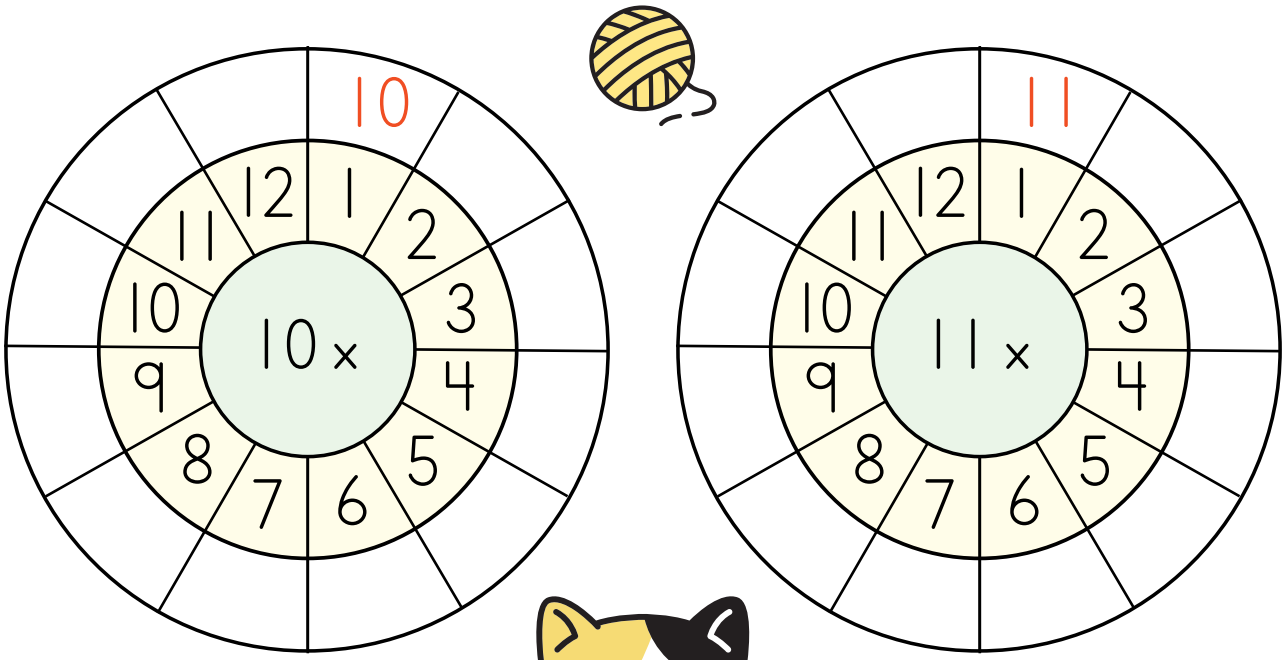
Let's practice multiplying by 7 through 12's using our fun wheels. Start in the center and multiply outward. Write the answer in the outer circle spaces.

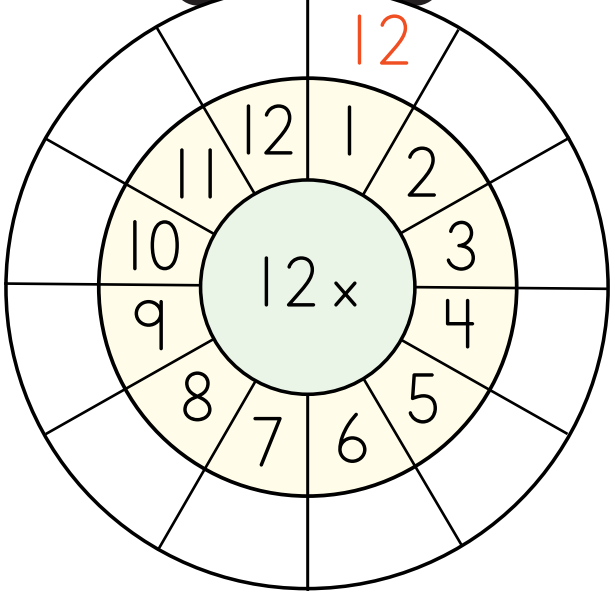


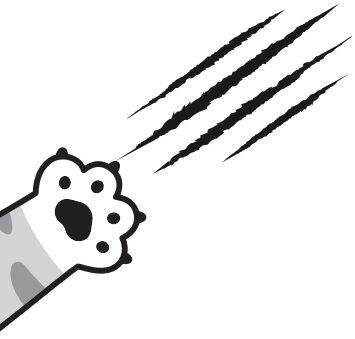
Name_____

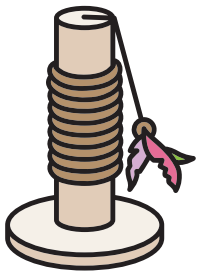
Exercise 2

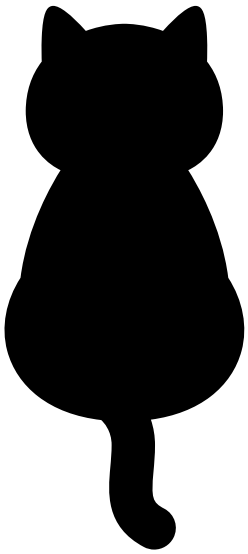
Start in the center and multiply outward. Write the answer in the outer circle spaces.











Name_____

Exercise 3

Fill in the missing addends in each of these problems. Do you remember how to find the answers? Here's a hint: Use the operation that is the opposite of addition. The first one is done for you.

39 + 11 = 50	12 + ____ = 64	____ + 35 = 47
____ + 18 = 39	56 + ____ = 76	21 + ____ = 85
____ + 39 = 59	____ + 23 = 44	____ + 62 = 97

Name_____

Exercise 4

Use your Clue Words Study Buddy that you made in Lesson 1 Exercise 4 to help you create four story problems. Give them to your parent or older sibling to solve.

1. A story problem using addition.

2. A story problem using subtraction.

3. A story problem using multiplication.

Name_____

Exercise 4

4. Challenge: A story problem using division.

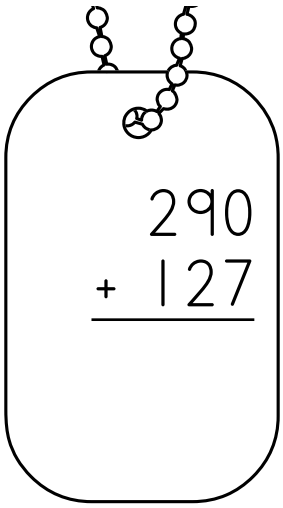
BONUS!

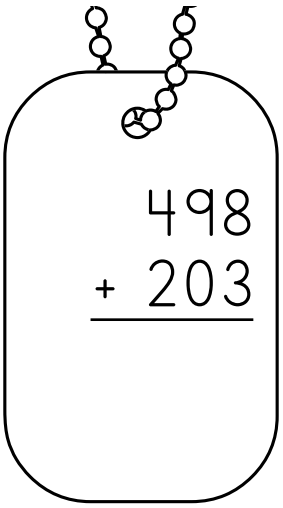
Create a story problem using at least two of the operations.

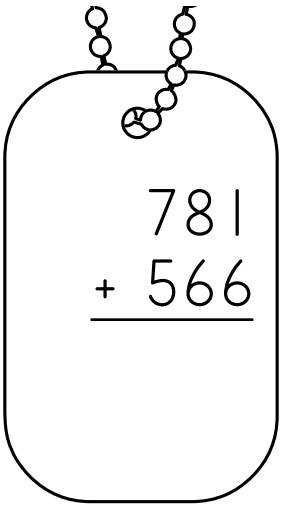
Name_____

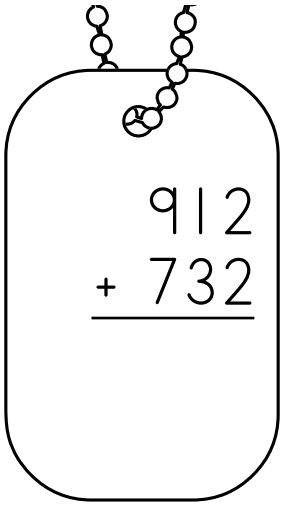
Exercise 5

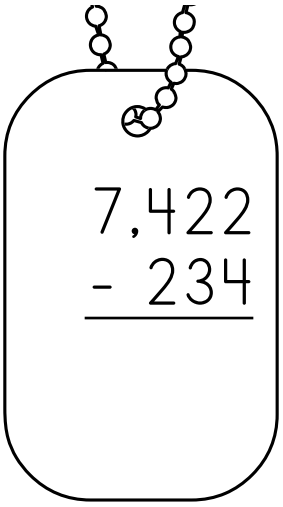
Complete the addition and subtraction problems below.

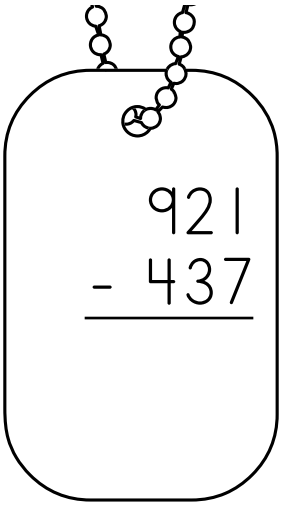


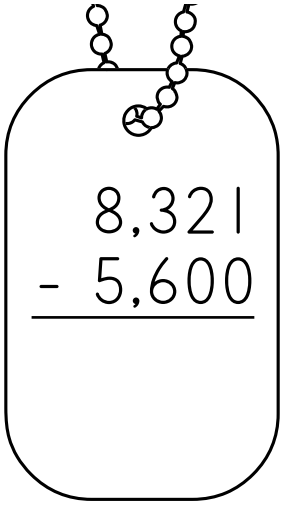


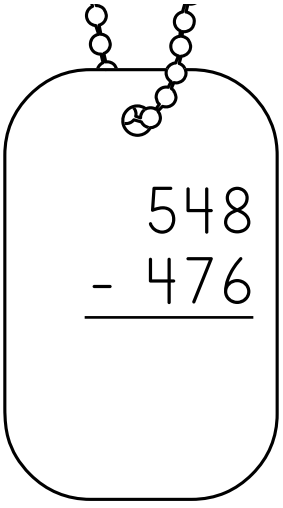








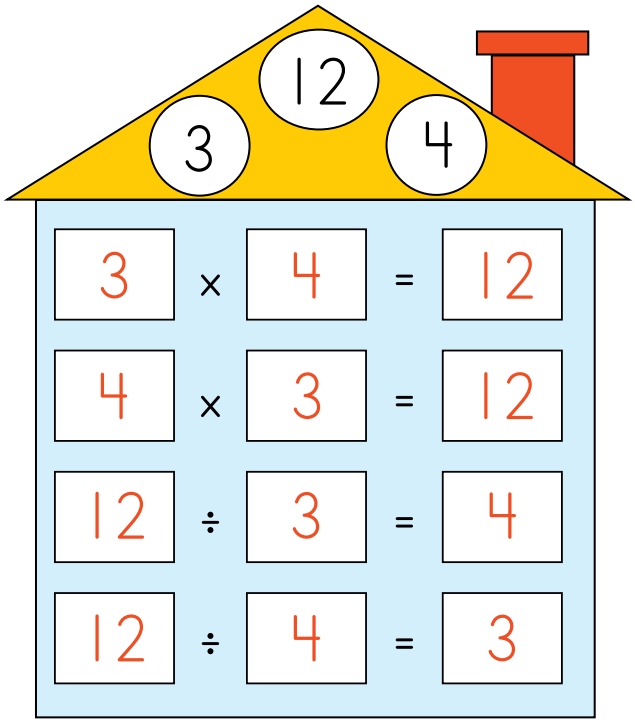


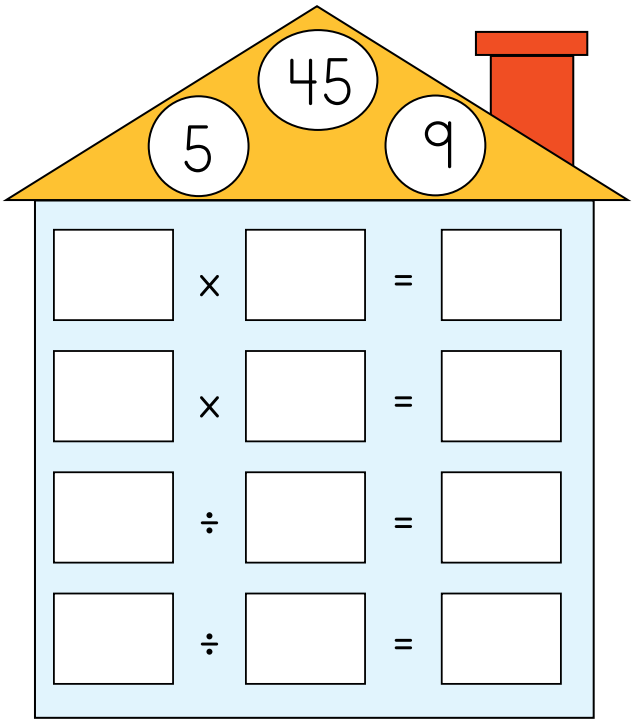


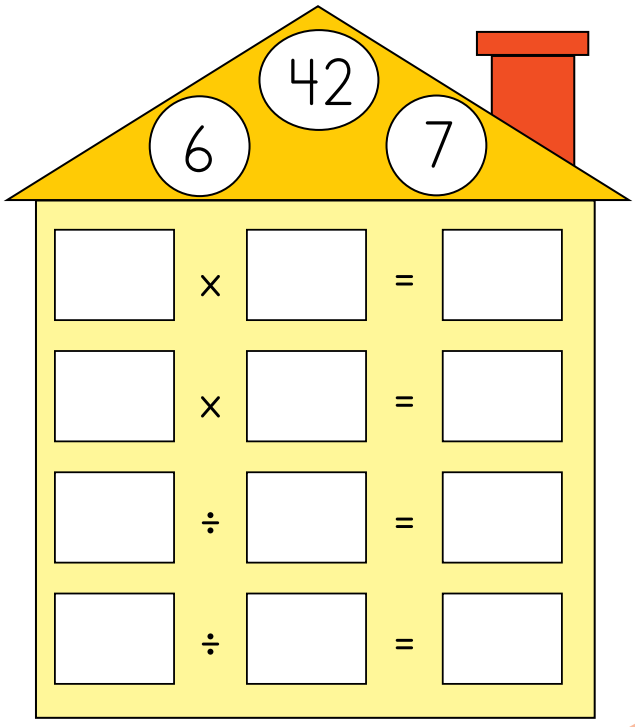
Name_____

Exercise 1

Review of All Division. Isn't it fascinating how numbers go together? In today's practice exercise, you will practice putting together numbers in their fact families. One of the most amazing facts about numbers, and something which reminds us of God's character, is this: No matter what, number facts do not change. They are the same right now as they were thousands of years ago. Think about this as you practice these fact families. The first one is done for you.

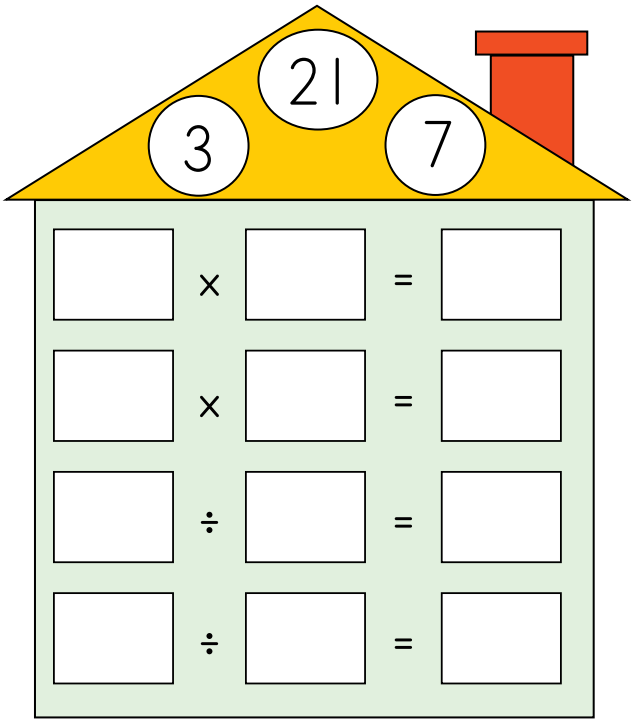


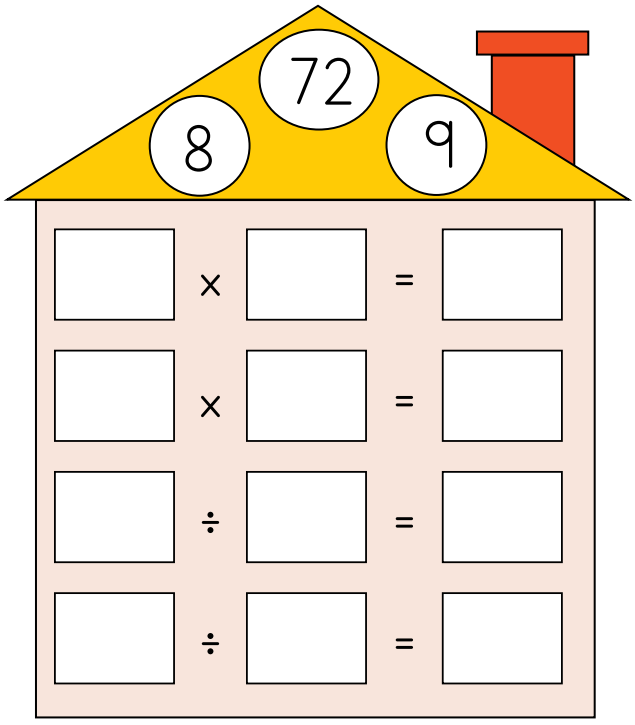


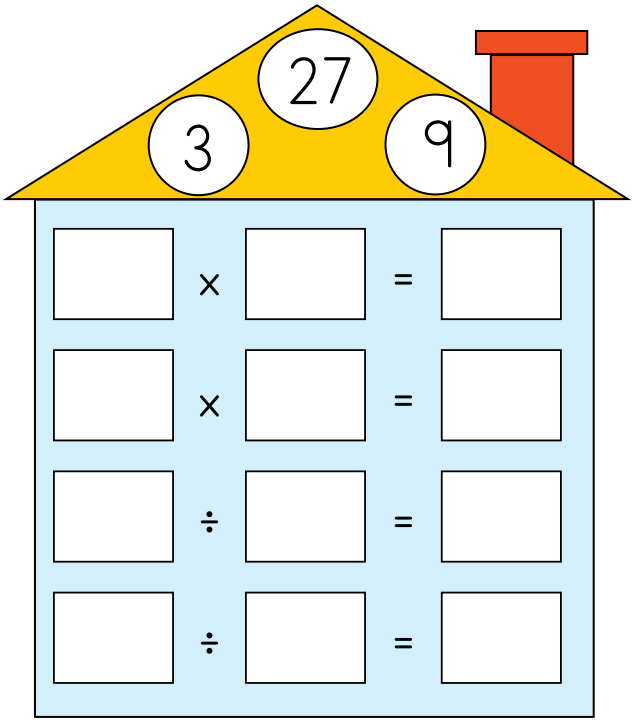


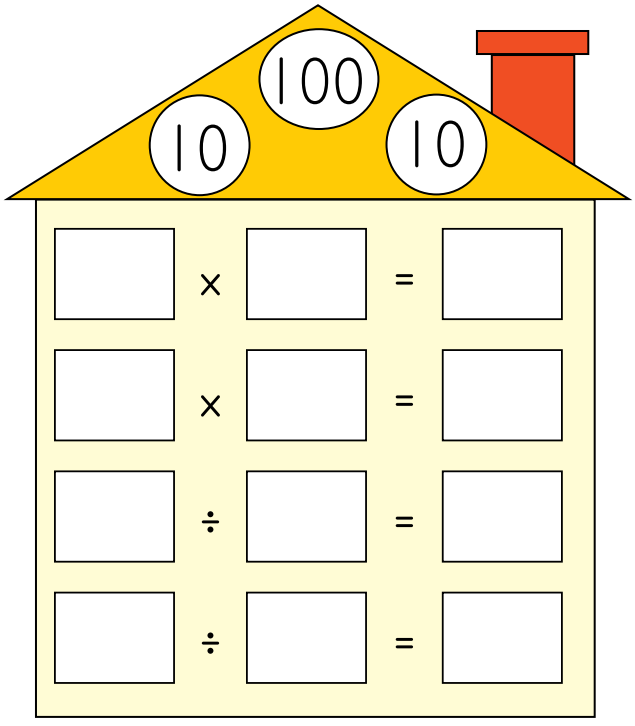
Name_____

Exercise 1









Name_____

Exercise 2-3

Mental math grows your brain. It's a fact! When you practice mental math, it's like you are carefully teaching your brain to be quick and sharp. The more you practice, the faster your brain follows your commands.

Today you are going to begin creating mental math task cards.

Cut out and laminate each of the cards below. Ask your teacher to help you with laminating.

Use a washable marker to write in numbers and solve your mental math equations.

Start with 3
- **Add** 5
- **Subtract** 2
- **Multiply** 5

What is your number? 30

Start with _____
- **Multiply** _____
- **Divide** _____

What is your number? _____

Start with _____
- **Multiply** _____
- **Divide** _____

What is your number? _____

Start with _____
- **Divide** _____
- **Multiply** _____

What is your number? _____

Start with _____
- **Add** _____
- **Divide** _____
- **Multiply** _____

What is your number? _____

Start with _____
- **Subtract** _____
- **Multiply** _____
- **Divide** _____

What is your number? _____

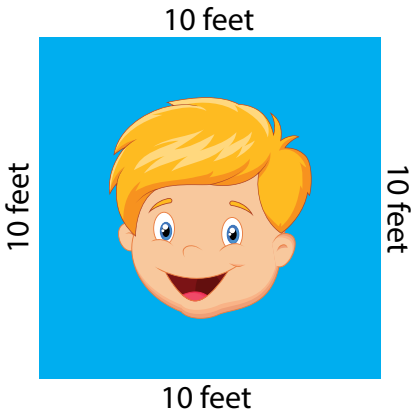
Blank for cutting purposes.

Name_____

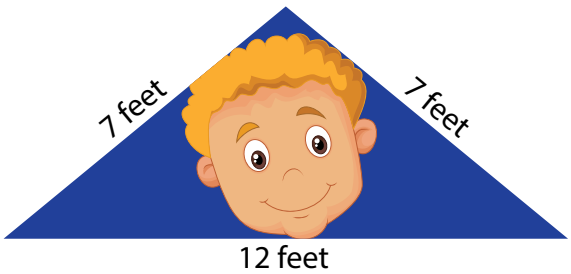
Exercise 4

Shape Perimeter

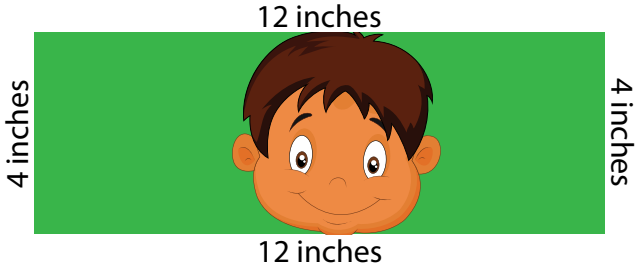
The perimeter of a polygon is the distance around it. To find the perimeter of a shape, simply add the sides together.



_____ + _____ + _____ + _____ = _____ feet



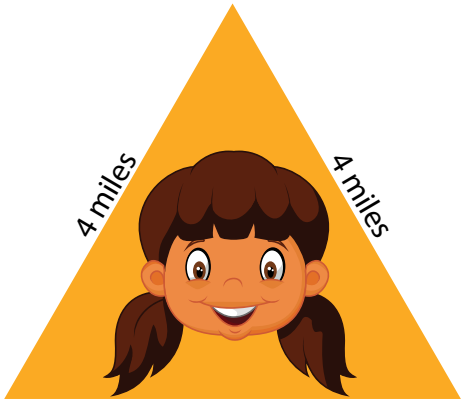
_____ + _____ + _____ = _____ feet



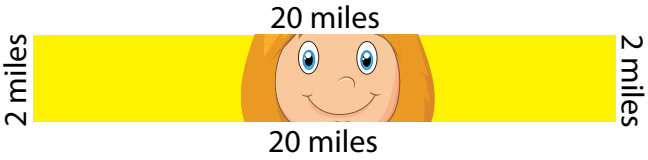
_____ + _____ + _____ + _____ = _____ inches

Name_____

Exercise 4



_____ + _____ + _____ = _____ miles



_____ + _____ + _____ + _____ = _____ miles

This square has a total perimeter of 32 yards. How long is each side?

32 ÷ _____ = _____ yards on each side

Name_____

Exercise 5

Multiplication and Division Facts Roundup. Solve the problems, then draw a line to match each multiplication and division fact that go together.

3 × 2 =	9 ÷ 3 =
8 × 4 =	12 ÷ 4 =
8 × 2 =	6 ÷ 2 =
3 × 3 =	48 ÷ 6 =
8 × 5 =	18 ÷ 3 =
3 × 5 =	32 ÷ 4 =
3 × 4 =	16 ÷ 2 =
8 × 3 =	40 ÷ 5 =
8 × 6 =	24 ÷ 3 =
3 × 6 =	15 ÷ 5 =

Name_____

Find the Sign!

In each box, circle the sign that makes the statement true.

36 ___ 9 = 4 	20 ___ 20 = 40 
4 ___ 8 = 32 	81 ___ 9 = 9 
20 ___ 2 = 10 	100 ___ 23 = 77 
150 ___ 5 = 30 	90 ___ 5 = 18