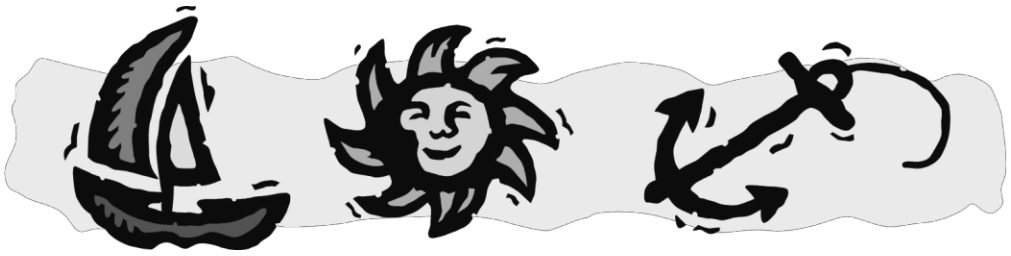


Gull Lake Community Schools

Summer Math Packet 4th Grade

Funding provided by
Gull Lake Community Schools Foundation

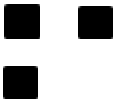
Dear Student,

It's a sad fact that almost everyone forgets how to do some math over the summer. Because we want you to be as ready as possible for 5th grade next year, we have made these practice sheets for you. All you have to do is a few problems each day for eight weeks. Print the sheets off and bring them back completed in the fall and you will get two things: a little token (also known as a ***prize***) and a little jump start to the fall. (Won't it feel good to remember how to do things that other kids in your class have forgotten?)

We have also written a letter to your parents (p. 19) and have included some activities you can do online to improve your skills (p. 20). As John Adams (a famous American) said, "Practice makes perfect." But the main thing you need to remember is that **math is fun!**

Solve by making place value drawings.

a.



300
-179

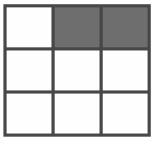
b.

642
-195

Practice your multiplication facts for 15 minutes.

Parent signature:_____

Match each picture to the fraction it shows:

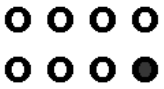


2/4

5/6

2/9

4/5

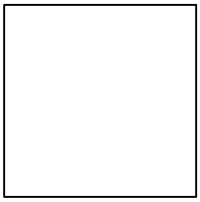


1/8

5/6

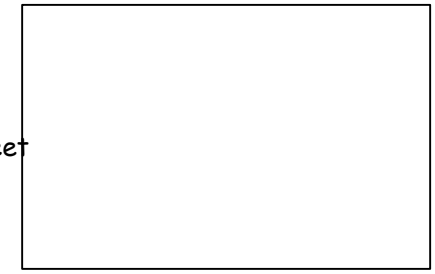
Find the area and perimeter of the following figures. (Don't forget to list the units!)

5 inches



8 feet

6feet



Larry, Lauri, Lila, and Lee were planning where to go on vacation: Lake Michigan, the mountains, Chicago, or to the grandparents' farm. Lauri loves to go to museums and go shopping. Larry hates to swim and Lila loves feeding animals. Which vacation will each person pick? (Finish the table to help you.)

	Lake Michigan	Mountains	Chicago	Farm
Larry			No	
Lauri	No	No	Yes	No
Lila			No	
Lee			No	

1/8 of the way done! Way to go!

Multiply, using rectangular model.

289
x 37

x 200 + 80 + 9

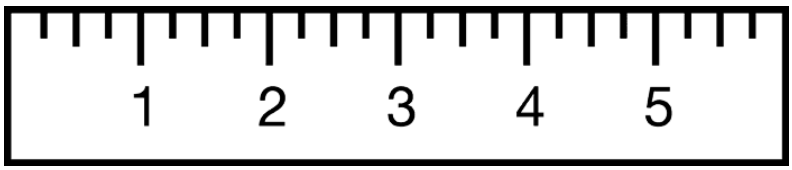
80
+
7

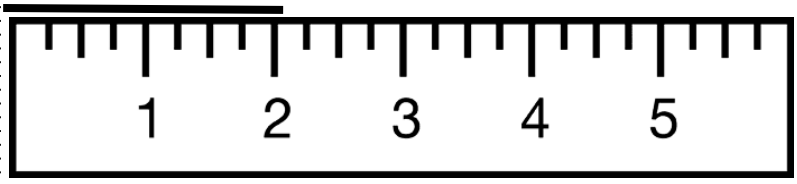
528
x 47

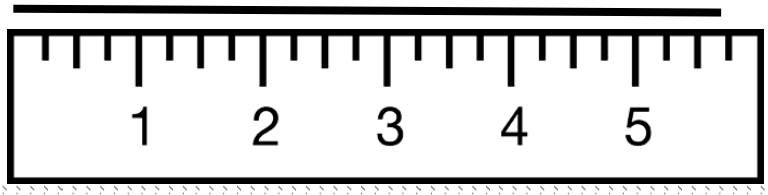
Practice your multiplication facts for 15 minutes.

Parent signature:_____

Measure the lines to the nearest quarter inch:

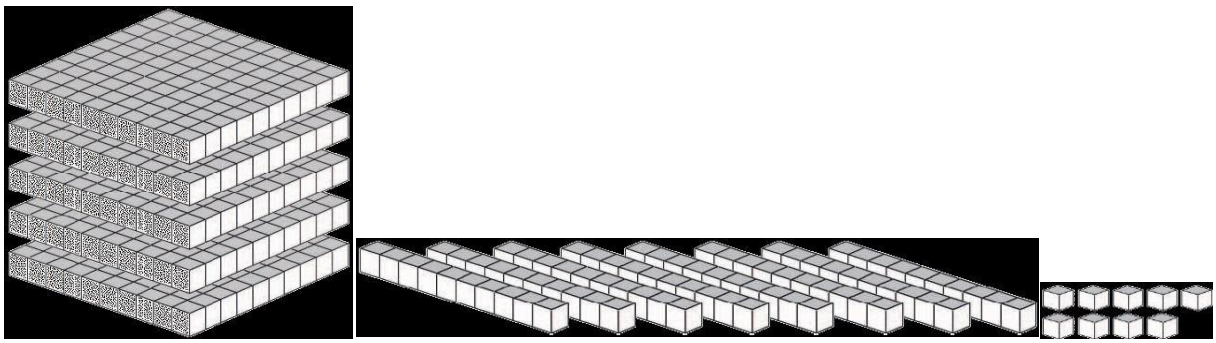




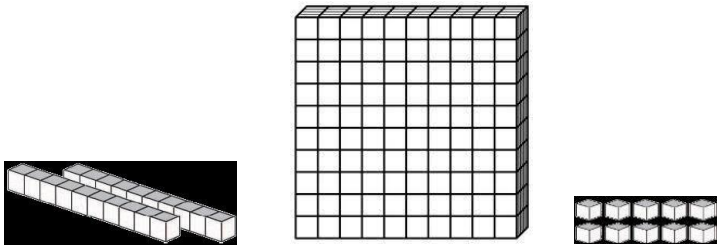


What numbers are shown by these blocks?

a._____



b._____



At a new dog park near Lisa, there were more dogs each week. In the first week, there were 20 dogs. The second week, there were 27, and the third week 31. There were 38 dogs in the fourth week and 42 in the fifth. If this pattern continues, in what week will there be 80 or more dogs?

Week	1	2	3	4	5								
# of dogs	20	27	31	38	42								

Great job! You have finished $\frac{1}{4}$ of the packet.

Divide, using rectangle sections.

Example: $5\overline{)3245}$

× 600 + 40 + 9 = 649

5	3245	245	45
	-3000	-200	-45
	245	45	

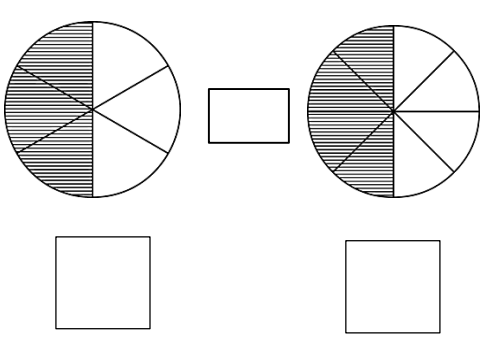
$4\overline{)2378}$

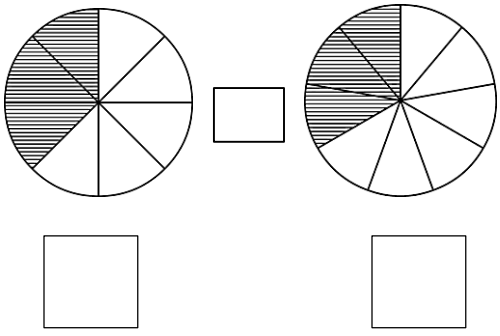
4	2378		

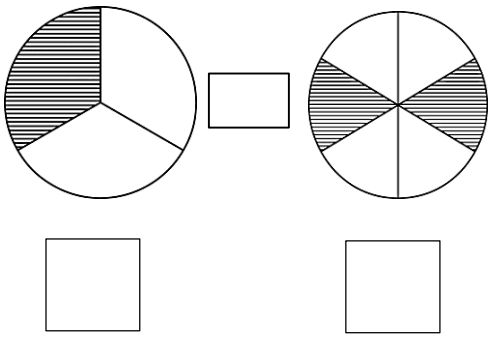
Practice your multiplication facts for 15 minutes.

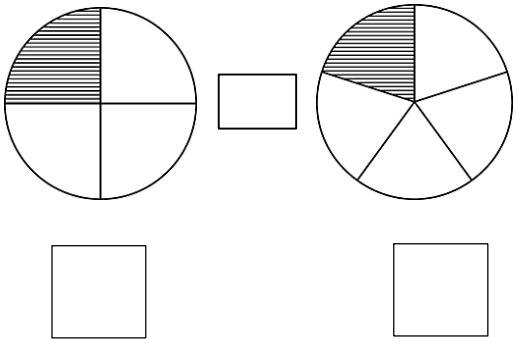
Parent signature:_____

Name, then compare the fractions using < = >









List all the **factors** of 36: 1, 36, ___, ___, ___, ___, ___, ___, ___, ___

List the first ten **multiples** of 6: 6, 12 ,___,___,___,___,___,___ ,___, ___

Jason counted fireflies all summer. By the time school started, this number was:

- Greater than 195.
- Less than 300
- A number that is reached if he counted by 10.
- A number that can be evenly divided by 3 and 9.

How many fireflies did Jason count?

3/8 of the way done! Can you figure out how much is left?

a. 4 x 4 =

b. 4 x 40 =

c. 4 x 400 =

d. 4 x 4000 =

e. 25 ÷ 5 =

f. 250 ÷ 5 =

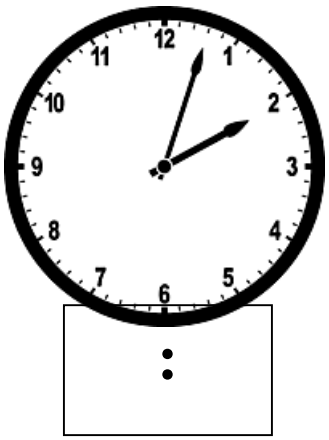
g. 2500 ÷ 5 =

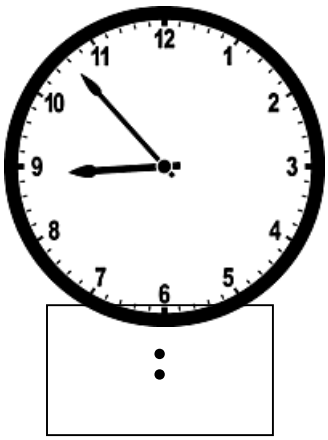
h. 25000 ÷ 5 =

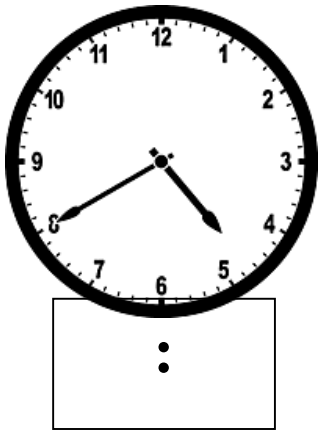
Practice your multiplication facts for 15 minutes.

Parent signature:_____

What time is shown on these clocks?







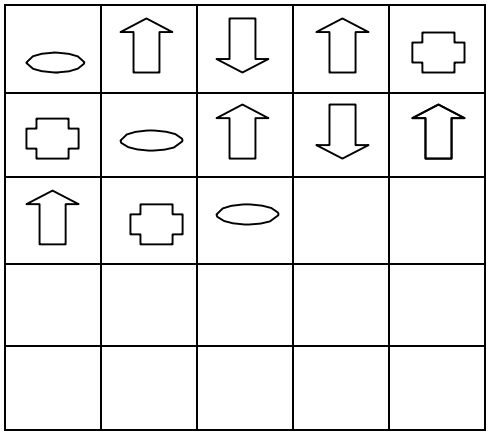
Round each number to the nearest 10:

37 _____ 45_____ 113_____ 62_____

Round each number to the nearest 100:

359_____ 120_____ 1267_____ 995_____

Continue the pattern.



Fantastic! You're halfway done!

Solve by making place value drawings.

a.

$$\begin{array}{r} 3007 \\ \underline{-1239} \end{array}$$

b.

$$\begin{array}{r} 1230 \\ \underline{-\ 845} \end{array}$$

c.

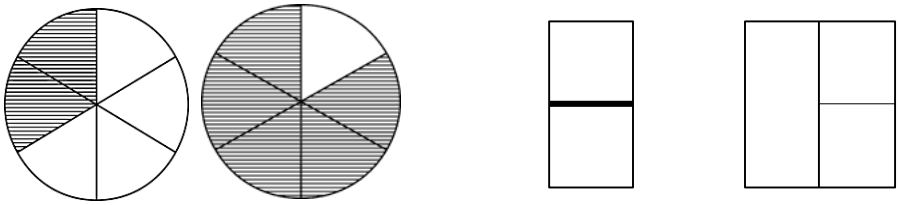
$$\begin{array}{r} 4500 \\ \underline{-2468} \end{array}$$

Practice your multiplication facts for 15 minutes.

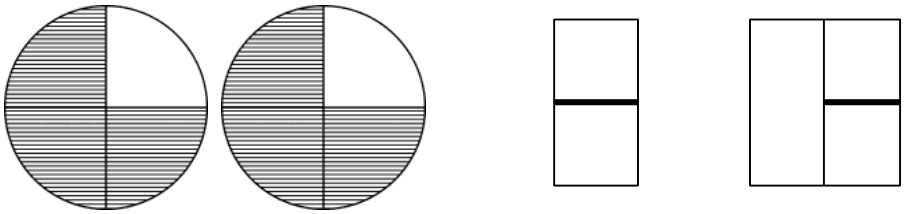
Parent signature:_____

White an improper and mixed fraction for the sum of each pair of pictures.

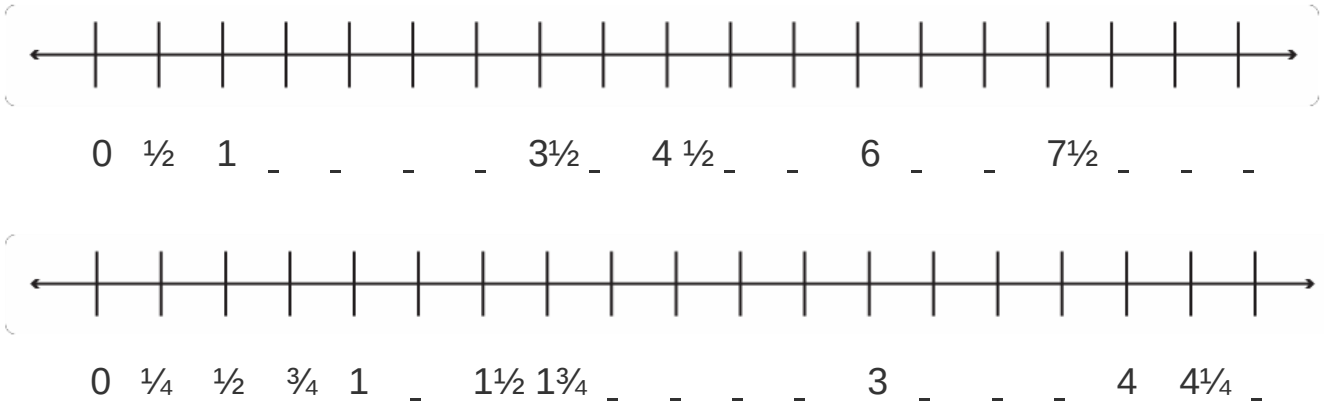
a.



b.



Label the missing numbers:



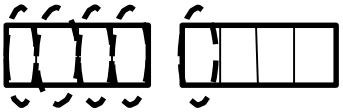
There were two baby penguins at the zoo. Baby Polly is 25 days old and Baby Pam is 5 days old. When will Polly be three times as old as Pam? (Complete the table to help you.)

Polly	25	26							
Pam	5	6							

5/8 of the packet is done!

Multiply the fractions. Solve by adding, multiplying and drawing a model.

Example: 1/4 x 5 = 1/4 + 1/4 + 1/4 + 1/4 + 1/4; 5x 1/4= 5/4



a.

2/6 x 4

b.

2 x 3/4

Practice your multiplication facts for 15 minutes.

Parent signature:_____

How much money?

$.

$.

Write equivalent fractions.

a. $\frac{1}{2} = \frac{\quad}{4}$ b. $\frac{3}{4} = \frac{\quad}{8}$ c. $\frac{1}{3} = \frac{\quad}{6}$

At a store,

costs the same as

If costs $3.00, then what does cost?

Almost there—3/4 of the way completed!

a. 6 x ? = 42; ?= ☐

b. 54 ÷? = 9; ?= ☐

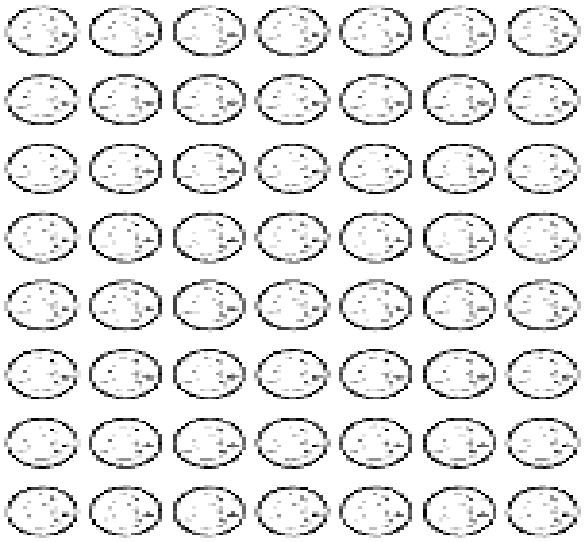
c. 34 + ? = 45; ?= ☐

d. 98 - ? = 85; ?= ☐

Practice your multiplication facts for 15 minutes.

Parent signature:_____

Write two multiplication and two division facts for this array.



× =

× =

÷ =

÷ =

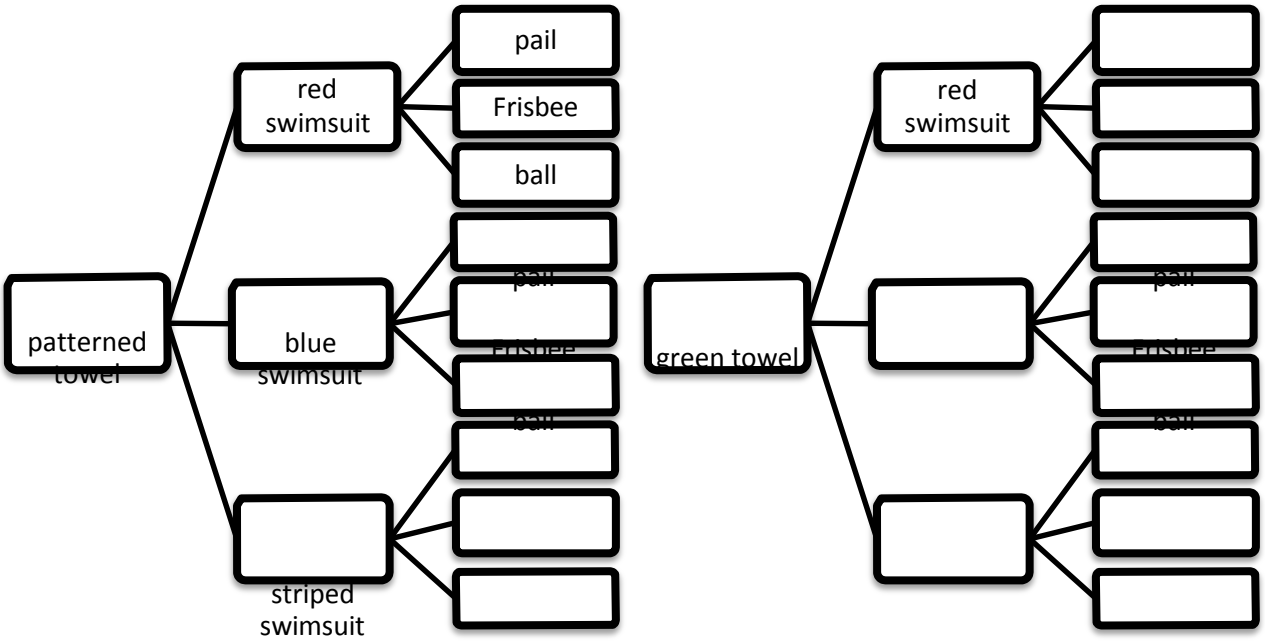
a. 3/8 = 1/8 + 1/8 + ?; ? =

b. 5/6 = 2/6 + ? ; ? =

c. $1\frac{1}{2}$ = 1 + ?; ? =

d. $2\frac{3}{4}$ = 1 + ? + 3/4 ; ?=

Jason is going to the beach. He needs a towel, a swimsuit, and a toy. He has two towels: a patterned and a green one. He has three swimsuits: a red, a blue, and a striped one. He finds three toys: a pail, a Frisbee, and a ball. He picks one towel, one swimsuit, and one toy. How many different combinations he could choose? (Fill in the decision tree to help you.)



Great! 7/8 of this packet is done—how much to go?

Solve by using rectangular models.

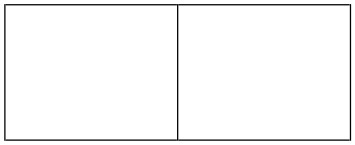
345
x68

× + +

+

8)456

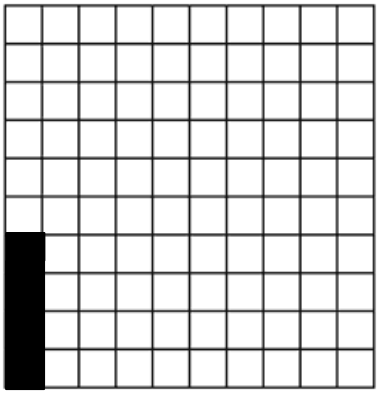
8

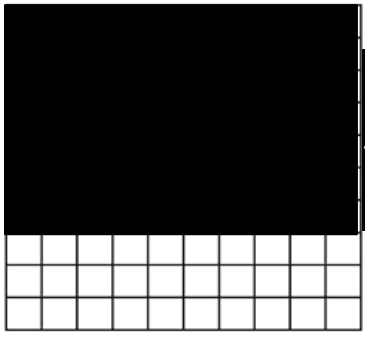


Practice your multiplication facts for 15 minutes.

Parent signature:_____

Write a decimal and fraction for the shaded areas of the 100 grid.





Fill in the missing numbers.

Rule: Multiply by 2	
43	86
122	
	40
50	
92	
	48

Rule: Add 10	
Input	Output
408	418
654	
	348
229	
	990

Jodi gave Jake these four cards: 3,4,5,6. How many ways can he arrange these? (The first few are started for you.)

3456
3465
3546
3564
3645
3654

Great work! You're done! Don't forget to bring this book to school to claim your prize!

Dear Parents/Guardians,

We have prepared these math sheets to help your child maintain math skills over the summer months. We hope you will offer support in seeing that these few problems are done each day. Knowing that summers are busy, we have tried to make the activities as fun and meaningful as possible.

In developing this packet, we looked at the National Common Core Standards of Math, which emphasize problem-solving. We also asked our middle school and high school colleagues the most important skills for our students to master. Their number one answer was to make sure that all students knew their multiplication facts. The second thing they said was to make sure that students had a basic understanding of fractions. Research also tells us that students who have a mental picture of a number line are more successful than those who don't. The packet's focus on number lines and fractions are intended to deal with the latter two skills. For learning multiplication facts, drill and practice is the best. We have included some multiplication fact drills, but with computer access, there are some games on the web resource page that are much more fun.

Finally, even some fifth grade students still need to learn to tell time (on an analogue clock), measure lengths, and count money. *Fortunately, these life skills can be practiced with you every day!* (These skills are generally not formally taught in math class after 3rd grade.)

We at Ryan look forward working with you as partners in helping your child maintain the math skills he or she will need in the fall. As an added incentive, we will give a small prize to anyone who brings a completed print the weekly problem pages back in the fall.

Have a wonderful summer and have fun with math!

Math Websites for Students and Parents to Enjoy!

http://www.aplusmath.com	This web site was developed to help students improve their math skills interactively. Included are math games, flash cards, worksheets and much
http://www.aaamath.com	AAA Math features interactive arithmetic lessons. Unlimited practice is available on each topic (Kindergarten through Eighth grade level), which allows thorough mastery of the concepts.
http://www.usmint.gov/kids/	Summer fun with coins! Join the US Mint to teach children about money.
http://www.ixl.com/math/	All concepts are based on Michigan math standards. Click on concept and practice and receive instant feedback. Used in 150 countries!
http://nces.ed.gov/nceskids/createagraph/	Learn how to graph! Here you will find five different graphs and charts for you to consider and to learn about.
http://www.coolmath.com/	An amusement park of math and more!
http://www.discoveryeducation.com/free-puzzlemaker/	Puzzlemaker is a puzzle generation tool for teachers, students and parents. Create and print customized math puzzles.
http://www.quia.com/shared/	A website to browse through thousands of learning activities. All of the games and quizzes were created by educators.
http://www.math.com/	The world of math online! Math practices and more.
http://www.mathfactcafe.com/	Learn your facts! The math facts factory.
http://www.teachingtime.co.uk/index.html	Teaching time.
http://timeanddate.com/	Anything you want to know about dates and times around the world
http://nlvm.usu.edu/en/nav/vlibrary.html	National Library of Virtual Manipulatives
http://nlvm.usu.edu/en/nav/category_g_2_t_3.html	All about Geometry!
http://illuminations.nctm.org/ActivityDetail.aspx?ID=155	Learn your multiplication facts!
http://www.mathsisfun.com/timestable.html	Timed table facts 1-15 and mixed review
http://www.econedlink.org/	Money, Money, Money!
http://illuminations.nctm.org/ActivityDetail.aspx?id=79	Probability- Spin the spinner.
http://pbskids.org/cyberchase/games/fractions/index.html	Thirteen ways of looking at half- an interactive game
http://www.bbc.co.uk/wales/snapdragon/yesflash/time-1.htm	Telling time- an interactive clock.
http://www.mathplayground.com/	An action-packed site for elementary and middle school levels. Practice your math skills, play a logic game and have some
http://www.multiplication.com/	All about multiplication!

http://www.figurethis.org/index.html	This site was created to help families enjoy mathematics outside school through a series of fun and engaging challenges.
http://www.mathcats.com/	Math Cats provides playful explorations of important math concepts through games, crafts and interactive projects.
http://www.easymaths.org/	Lessons, tests, exams, worksheets, study skills and much more.
http://www.themathleague.com/	The math league-designed for students in fourth grade through high school. The "Help Facility" is handy reference guide for math topics complete with examples, definitions and explanations.
http://www.funbrain.com/numbers.html	This site includes 17 original games based on soccer, baseball, car racing and much more
http://www.kidsites.com/sites-edu/math.htm	A list of math sites for kids!
http://www.cobbk12.org/sites/literacy/math/math2.htm	Math skills practice activities grades 3-5. Includes number and operations, fractions, geometry, money, measurement, problem solving and data.
http://www.factmonster.com/math/knowledgebox/	Many fun games to practice math skills. Check out Fraction Café.
http://www.xpmath.com/forums/arcade.php?do=play&gameid=8#.UZ-fPUrfWSo	Various games which are aligned to Common Core Math Standards.
http://www.mathforum.com/	The leading online resource for improving math learning since 1992.

Name: _____

1.	2.	3.	4.	5.	6.	7.	8.
5 × 5 =	8 × 8 =	9 × 5 =	7 × 5 =	4 × 6 =	9 × 4 =	7 × 4 =	6 × 8 =
9.	**10.**	**11.**	**12.**	**13.**	**14.**	**15.**	**16.**
9 × 4 =	4 × 6 =	8 × 2 =	6 × 3 =	5 × 5 =	6 × 7 =	3 × 4 =	7 × 6 =
17.	**18.**	**19.**	**20.**	**21.**	**22.**	**23.**	**24.**
7 × 5 =	5 × 7 =	8 × 2 =	3 × 3 =	7 × 2 =	6 × 4 =	4 × 3 =	2 × 3 =
25.	**26.**	**27.**	**28.**	**29.**	**30.**	**31.**	**32.**
5 × 5 =	8 × 4 =	5 × 4 =	5 × 8 =	7 × 9 =	5 × 9 =	4 × 2 =	6 × 2 =
33.	**34.**	**35.**	**36.**	**37.**	**38.**	**39.**	**40.**
6 × 9 =	7 × 5 =	2 × 9 =	6 × 7 =	9 × 3 =	9 × 4 =	4 × 2 =	6 × 7 =
41.	**42.**	**43.**	**44.**	**45.**	**46.**	**47.**	**48.**
6 × 4 =	9 × 9 =	7 × 5 =	8 × 5 =	5 × 4 =	4 × 7 =	4 × 9 =	7 × 9 =
49.	**50.**	**51.**	**52.**	**53.**	**54.**	**55.**	**56.**
8 × 5 =	5 × 8 =	4 × 2 =	6 × 4 =	3 × 6 =	7 × 5 =	7 × 3 =	2 × 3 =
57.	**58.**	**59.**	**60.**	**61.**	**62.**	**63.**	**64.**
6 × 2 =	2 × 3 =	5 × 8 =	7 × 8 =	2 × 2 =	6 × 5 =	9 × 3 =	5 × 8 =
		65.		**66.**		**67.**	

68.

$$\begin{array}{r} 6 \\ \times\ 8 \\ \hline \square \end{array}$$

69.

$$\begin{array}{r} 7 \\ \times\ 8 \\ \hline \square \end{array}$$

70.

$$\begin{array}{r} 8 \\ \times\ 3 \\ \hline \square \end{array}$$

71.

$$\begin{array}{r} 3 \\ \times\ 9 \\ \hline \square \end{array}$$

72.

$$\begin{array}{r} 8 \\ \times\ 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 5 \\ \times\ 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 2 \\ \times\ 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ \times\ 6 \\ \hline \square \end{array}$$

Name: _____

1.	2.	3.	4.	5.	6.	7.	8.
4 × 5 =	6 × 7 =	9 × 2 =	6 × 9 =	2 × 9 =	7 × 5 =	6 × 2 =	6 × 9 =
9.	**10.**	**11.**	**12.**	**13.**	**14.**	**15.**	**16.**
9 × 3 =	6 × 3 =	3 × 6 =	2 × 3 =	4 × 2 =	6 × 3 =	6 × 5 =	6 × 8 =
17.	**18.**	**19.**	**20.**	**21.**	**22.**	**23.**	**24.**
9 × 2 =	5 × 8 =	2 × 9 =	7 × 3 =	9 × 5 =	7 × 6 =	6 × 3 =	5 × 5 =
25.	**26.**	**27.**	**28.**	**29.**	**30.**	**31.**	**32.**
5 × 9 =	6 × 6 =	6 × 7 =	7 × 8 =	8 × 4 =	9 × 4 =	7 × 5 =	2 × 6 =
33.	**34.**	**35.**	**36.**	**37.**	**38.**	**39.**	**40.**
6 × 6 =	5 × 7 =	6 × 3 =	8 × 6 =	7 × 6 =	2 × 3 =	8 × 5 =	7 × 3 =
41.	**42.**	**43.**	**44.**	**45.**	**46.**	**47.**	**48.**
5 × 3 =	7 × 9 =	9 × 5 =	7 × 7 =	7 × 7 =	2 × 5 =	3 × 3 =	2 × 7 =
49.	**50.**	**51.**	**52.**	**53.**	**54.**	**55.**	**56.**
7 × 5 =	4 × 4 =	6 × 3 =	8 × 4 =	8 × 9 =	5 × 6 =	4 × 2 =	7 × 8 =
57.	**58.**	**59.**	**60.**	**61.**	**62.**	**63.**	**64.**
4 × 5 =	7 × 3 =	8 × 5 =	9 × 6 =	3 × 2 =	9 × 4 =	3 × 9 =	2 × 9 =
		65.		**66.**		**67.**	
5 × 5 =	3 × 9 =	7 × 2 =					

68.

69.

70.

$$\begin{array}{r} 3 \\ \times\ 5 \\ \hline \square \end{array}$$

71.

$$\begin{array}{r} 9 \\ \times\ 7 \\ \hline \square \end{array}$$

72.

$$\begin{array}{r} 3 \\ \times\ 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ \times\ 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} \\ \times \\ \hline \square \end{array}$$

Name: _____

1.	2.	3.	4.	5.	6.	7.	8.
6 × 9 =	7 × 7 =	2 × 3 =	5 × 9 =	2 × 8 =	3 × 5 =	6 × 7 =	4 × 8 =
9.	**10.**	**11.**	**12.**	**13.**	**14.**	**15.**	**16.**
6 × 8 =	6 × 7 =	8 × 5 =	4 × 4 =	9 × 8 =	7 × 6 =	6 × 4 =	2 × 2 =
17.	**18.**	**19.**	**20.**	**21.**	**22.**	**23.**	**24.**
4 × 7 =	8 × 5 =	9 × 3 =	4 × 2 =	9 × 5 =	5 × 6 =	3 × 7 =	4 × 7 =
25.	**26.**	**27.**	**28.**	**29.**	**30.**	**31.**	**32.**
6 × 9 =	5 × 5 =	5 × 7 =	7 × 5 =	5 × 4 =	9 × 9 =	7 × 9 =	2 × 9 =
33.	**34.**	**35.**	**36.**	**37.**	**38.**	**39.**	**40.**
7 × 8 =	4 × 6 =	2 × 7 =	6 × 2 =	3 × 2 =	6 × 4 =	8 × 9 =	2 × 4 =
41.	**42.**	**43.**	**44.**	**45.**	**46.**	**47.**	**48.**
9 × 6 =	7 × 5 =	4 × 5 =	8 × 8 =	7 × 7 =	8 × 5 =	7 × 8 =	4 × 5 =
49.	**50.**	**51.**	**52.**	**53.**	**54.**	**55.**	**56.**
7 × 7 =	2 × 8 =	4 × 7 =	8 × 5 =	7 × 5 =	8 × 5 =	4 × 9 =	8 × 4 =
57.	**58.**	**59.**	**60.**	**61.**	**62.**	**63.**	**64.**
5 × 6 =	7 × 7 =	9 × 5 =		3 × 3 =			
	65.				**66.**		**67.**
×	6 × 4 =	2 × 9 × 4 =	4				

			5			2	2	4	
			× 7			× 8	× 5	× 8	
68.		**69.**		**70.**	**71.**		**72.**		
		2	8		7		5	4	
		2	× 6		× 6	×	× 8	× 9	

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Name: _____

1.	2.	3.	4.	5.	6.	7.	8.
8 × 4 =	4 × 7 =	4 × 2 =	5 × 8 =	3 × 5 =	7 × 9 =	9 × 4 =	2 × 2 =
9.	**10.**	**11.**	**12.**	**13.**	**14.**	**15.**	**16.**
7 × 7 =	4 × 8 =	4 × 2 =	9 × 3 =	6 × 8 =	4 × 4 =	6 × 4 =	7 × 5 =
17.	**18.**	**19.**	**20.**	**21.**	**22.**	**23.**	**24.**
7 × 2 =	2 × 9 =	3 × 6 =	8 × 4 =	9 × 6 =	3 × 8 =	8 × 4 =	8 × 5 =
25.	**26.**	**27.**	**28.**	**29.**	**30.**	**31.**	**32.**
2 × 2 =	4 × 5 =	3 × 3 =	6 × 7 =	9 × 9 =	2 × 6 =	3 × 8 =	9 × 9 =
33.	**34.**	**35.**	**36.**	**37.**	**38.**	**39.**	**40.**
8 × 2 =	8 × 9 =	6 × 6 =	4 × 5 =	2 × 6 =	4 × 9 =	8 × 2 =	5 × 9 =
41.	**42.**	**43.**	**44.**	**45.**	**46.**	**47.**	**48.**
3 × 7 =	4 × 4 =	8 × 9 =	2 × 8 =	8 × 2 =	5 × 2 =	9 × 5 =	9 × 7 =
49.	**50.**	**51.**	**52.**	**53.**	**54.**	**55.**	**56.**
5 × 8 =	7 × 2 =	5 × 2 =	5 × 6 =	6 × 8 =	5 × 5 =	8 × 9 =	4 × 2 =
57.	**58.**	**59.**	**60.**	**61.**	**62.**	**63.**	**64.**
6 × 6 =	5 × 5 =	5 × 5 =	4 × 4 =	6 × 7 =	4 × 5 =	3 × 4 =	3 × 6 =

65.

$$\begin{array}{r} 2 \\ \times\ 9 \\ \hline \square \end{array}$$

66.

$$\begin{array}{r} 7 \\ \times\ 6 \\ \hline \square \end{array}$$

67.

$$\begin{array}{r} 9 \\ \times\ 3 \\ \hline \square \end{array}$$

68.

$$\begin{array}{r} 2 \\ \times\ 5 \\ \hline \square \end{array}$$

69.

$$\begin{array}{r} 9 \\ \times\ 6 \\ \hline \square \end{array}$$

70.

$$\begin{array}{r} 8 \\ \times\ 7 \\ \hline \square \end{array}$$

71.

$$\begin{array}{r} 5 \\ \times\ 3 \\ \hline \square \end{array}$$

72.

$$\begin{array}{r} 8 \\ \times\ 9 \\ \hline \square \end{array}$$

Name: _____

1.	2.	3.	4.	5.	6.	7.	8.
6 × 3 =	5 × 2 =	9 × 7 =	3 × 2 =	6 × 4 =	5 × 8 =	2 × 5 =	2 × 6 =
9.	**10.**	**11.**	**12.**	**13.**	**14.**	**15.**	**16.**
8 × 9 =	8 × 7 =	5 × 6 =	3 × 5 =	7 × 7 =	4 × 9 =	6 × 6 =	2 × 3 =
17.	**18.**	**19.**	**20.**	**21.**	**22.**	**23.**	**24.**
8 × 6 =	3 × 7 =	3 × 5 =	7 × 7 =	7 × 3 =	5 × 7 =	7 × 5 =	4 × 6 =
25.	**26.**	**27.**	**28.**	**29.**	**30.**	**31.**	**32.**
5 × 3 =	3 × 9 =	7 × 4 =	5 × 4 =	2 × 7 =	4 × 7 =	4 × 4 =	8 × 2 =
33.	**34.**	**35.**	**36.**	**37.**	**38.**	**39.**	**40.**
8 × 2 =	8 × 9 =	5 × 6 =	7 × 3 =	7 × 2 =	9 × 4 =	6 × 3 =	9 × 9 =
41.	**42.**	**43.**	**44.**	**45.**	**46.**	**47.**	**48.**
4 × 2 =	9 × 9 =	5 × 4 =	4 × 5 =	9 × 7 =	2 × 3 =	9 × 9 =	4 × 8 =
49.	**50.**	**51.**	**52.**	**53.**	**54.**	**55.**	**56.**
9 × 2 =	8 × 5 =	7 × 5 =	6 × 4 =	6 × 5 =	7 × 2 =	6 × 6 =	2 × 9 =
57.	**58.**	**59.**	**60.**	**61.**	**62.**	**63.**	**64.**
6 × 9 =	8 × 9 =	4 × 3 =	5 × 4 =	8 × 6 =	5 × 8 =	5 × 8 =	6 × 5 =
65.	**66.**	**67.**	**68.**	**69.**	**70.**	**71.**	**72.**

8 × 4 =	8 × 6 =	8 × 5 =	8 × 4 =	8 × 6 =	5 × 5 =	3 × 6 =	4 × 8 =

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Name: _____

1.	2.	3.	4.	5.	6.	7.	8.
6 × 8 =	6 × 7 =	9 × 5 =	7 × 5 =	4 × 3 =	8 × 4 =	2 × 5 =	6 × 5 =
9.	**10.**	**11.**	**12.**	**13.**	**14.**	**15.**	**16.**
6 × 3 =	9 × 7 =	5 × 4 =	2 × 2 =	9 × 3 =	5 × 9 =	7 × 5 =	2 × 3 =
17.	**18.**	**19.**	**20.**	**21.**	**22.**	**23.**	**24.**
3 × 6 =	9 × 3 =	2 × 6 =	6 × 4 =	8 × 4 =	6 × 8 =	8 × 3 =	4 × 4 =
25.	**26.**	**27.**	**28.**	**29.**	**30.**	**31.**	**32.**
4 × 3 =	2 × 8 =	6 × 2 =	9 × 6 =	4 × 4 =	5 × 9 =	7 × 5 =	3 × 9 =
33.	**34.**	**35.**	**36.**	**37.**	**38.**	**39.**	**40.**
2 × 3 =	2 × 2 =	8 × 6 =	5 × 6 =	9 × 2 =	4 × 7 =	3 × 7 =	2 × 6 =
41.	**42.**	**43.**	**44.**	**45.**	**46.**	**47.**	**48.**
8 × 3 =	5 × 5 =	3 × 4 =	9 × 5 =	7 × 4 =	5 × 4 =	8 × 7 =	3 × 9 =
49.	**50.**	**51.**	**52.**	**53.**	**54.**	**55.**	**56.**
8 × 4 =	2 × 6 =	8 × 5 =	2 × 7 =	6 × 5 =	5 × 7 =	3 × 5 =	4 × 2 =
57.	**58.**	**59.**	**60.**	**61.**	**62.**	**63.**	**64.**
6 × 7 =	5 × 8 =	2 × 5 =	4 × 7 =	7 × 8 =	2 × 6 =	5 × 4 =	6 × 4 =

65.

$$\begin{array}{r} 6 \\ \times\ 6 \\ \hline \square \end{array}$$

66.

$$\begin{array}{r} 8 \\ \times\ 4 \\ \hline \square \end{array}$$

67.

$$\begin{array}{r} 2 \\ \times\ 9 \\ \hline \square \end{array}$$

68.

$$\begin{array}{r} 2 \\ \times\ 6 \\ \hline \square \end{array}$$

69.

$$\begin{array}{r} 5 \\ \times\ 5 \\ \hline \square \end{array}$$

70.

$$\begin{array}{r} 4 \\ \times\ 6 \\ \hline \square \end{array}$$

71.

$$\begin{array}{r} 9 \\ \times\ 7 \\ \hline \square \end{array}$$

72.

$$\begin{array}{r} 7 \\ \times\ 6 \\ \hline \square \end{array}$$

Name: _____

1.	2.	3.	4.	5.	6.	7.	8.
6 × 6 =	2 × 9 =	7 × 7 =	2 × 8 =	8 × 9 =	6 × 8 =	8 × 8 =	4 × 4 =
9.	**10.**	**11.**	**12.**	**13.**	**14.**	**15.**	**16.**
3 × 4 =	6 × 2 =	2 × 8 =	3 × 3 =	9 × 7 =	2 × 6 =	7 × 5 =	9 × 4 =
17.	**18.**	**19.**	**20.**	**21.**	**22.**	**23.**	**24.**
2 × 2 =	4 × 8 =	7 × 4 =	6 × 6 =	4 × 2 =	4 × 3 =	8 × 7 =	6 × 2 =
25.	**26.**	**27.**	**28.**	**29.**	**30.**	**31.**	**32.**
9 × 2 =	2 × 2 =	9 × 4 =	3 × 8 =	2 × 4 =	5 × 8 =	7 × 4 =	2 × 7 =
33.	**34.**	**35.**	**36.**	**37.**	**38.**	**39.**	**40.**
4 × 4 =	6 × 2 =	7 × 2 =	6 × 2 =	3 × 9 =	3 × 2 =	6 × 7 =	2 × 6 =
41.	**42.**	**43.**	**44.**	**45.**	**46.**	**47.**	**48.**
8 × 3 =	6 × 8 =	5 × 7 =	7 × 6 =	9 × 2 =	4 × 7 =	5 × 5 =	5 × 8 =
49.	**50.**	**51.**	**52.**	**53.**	**54.**	**55.**	**56.**
7 × 9 =	8 × 5 =	2 × 5 =	6 × 4 =	4 × 7 =	4 × 9 =	5 × 4 =	5 × 4 =
57.	**58.**	**59.**	**60.**	**61.**	**62.**	**63.**	**64.**
5 × 9 =	2 × 9 =	7 × 7 =	5 × 7 =	8 × 7 =	4 × 3 =	2 × 7 =	2 × 8 =
65.	**66.**	**67.**	**68.**	**69.**	**70.**	**71.**	**72.**

7 × 8 =	4 × 8 =	4 × 8 =	2 × 7 =	6 × 4 =	6 × 2 =	6 × 2 =	5 × 2 =

Name: _____

1.	2.	3.	4.	5.	6.	7.	8.
3 × 7 =	5 × 8 =	5 × 3 =	9 × 2 =	5 × 9 =	2 × 8 =	3 × 2 =	3 × 5 =
9.	**10.**	**11.**	**12.**	**13.**	**14.**	**15.**	**16.**
9 × 2 =	7 × 4 =	3 × 2 =	6 × 2 =	5 × 8 =	4 × 6 =	4 × 3 =	6 × 5 =
17.	**18.**	**19.**	**20.**	**21.**	**22.**	**23.**	**24.**
8 × 9 =	4 × 4 =	2 × 3 =	4 × 5 =	3 × 5 =	3 × 5 =	6 × 5 =	9 × 5 =
25.	**26.**	**27.**	**28.**	**29.**	**30.**	**31.**	**32.**
5 × 6 =	7 × 7 =	6 × 4 =	8 × 2 =	3 × 3 =	6 × 5 =	4 × 3 =	9 × 3 =
33.	**34.**	**35.**	**36.**	**37.**	**38.**	**39.**	**40.**
3 × 3 =	6 × 3 =	5 × 9 =	7 × 6 =	4 × 9 =	2 × 8 =	4 × 9 =	3 × 8 =
41.	**42.**	**43.**	**44.**	**45.**	**46.**	**47.**	**48.**
5 × 9 =	6 × 2 =	3 × 4 =	3 × 4 =	6 × 8 =	7 × 9 =	9 × 7 =	3 × 2 =
49.	**50.**	**51.**	**52.**	**53.**	**54.**	**55.**	**56.**
8 × 7 =	4 × 3 =	7 × 9 =	8 × 9 =	9 × 8 =	8 × 4 =	8 × 2 =	2 × 4 =
57.	**58.**	**59.**	**60.**	**61.**	**62.**	**63.**	**64.**
9 × 7 =	4 × 2 =	9 × 6 =	5 × 6 =	4 × 3 =	5 × 4 =	8 × 6 =	4 × 6 =
65.	**66.**	**67.**	**68.**	**69.**	**70.**	**71.**	**72.**

4 × 7	8 × 9	7 × 7	8 × 6	6 × 7	8 × 4	7 × 9	6 × 6

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Name: _____

1.	2.	3.	4.	5.	6.	7.	8.
5 × 9 =	7 × 8 =	9 × 9 =	5 × 2 =	2 × 2 =	4 × 8 =	7 × 8 =	5 × 6 =
9.	**10.**	**11.**	**12.**	**13.**	**14.**	**15.**	**16.**
8 × 7 =	3 × 7 =	2 × 2 =	9 × 2 =	5 × 9 =	3 × 8 =	2 × 2 =	2 × 5 =
17.	**18.**	**19.**	**20.**	**21.**	**22.**	**23.**	**24.**
9 × 7 =	4 × 9 =	6 × 7 =	9 × 6 =	7 × 4 =	5 × 5 =	3 × 8 =	2 × 9 =
25.	**26.**	**27.**	**28.**	**29.**	**30.**	**31.**	**32.**
6 × 3 =	7 × 6 =	4 × 6 =	6 × 7 =	6 × 8 =	5 × 6 =	8 × 6 =	2 × 8 =
33.	**34.**	**35.**	**36.**	**37.**	**38.**	**39.**	**40.**
4 × 4 =	7 × 9 =	9 × 7 =	5 × 7 =	9 × 9 =	2 × 2 =	8 × 3 =	2 × 5 =
41.	**42.**	**43.**	**44.**	**45.**	**46.**	**47.**	**48.**
5 × 7 =	9 × 7 =	4 × 6 =	5 × 8 =	5 × 9 =	4 × 3 =	5 × 4 =	9 × 8 =
49.	**50.**	**51.**	**52.**	**53.**	**54.**	**55.**	**56.**
7 × 7 =	7 × 7 =	4 × 3 =	4 × 3 =	2 × 5 =	4 × 9 =	6 × 4 =	4 × 9 =
57.	**58.**	**59.**	**60.**	**61.**	**62.**	**63.**	**64.**
2 × 4 =	7 × 4 =	8 × 3 = 4	2 × 3 =	2 × 5 = 4	5 × 6 =		
65.	**66.**	**67.**	**68.**	**69.**	**70.**		
2 × 9 =	2 ×	×	2 6 × 3 =	8 × 8 =	2 × 5 =		

71.

$$\begin{array}{r} 8 \\ \times\ 5 \\ \hline \square \end{array}$$

72.

$$\begin{array}{r} 4 \\ \times\ 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 3 \\ \times\ 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 4 \\ \times\ 3 \\ \hline \square \end{array}$$

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Name: _____

1.	2.	3.	4.	5.	6.	7.	8.
4 × 3 =	6 × 7 =	9 × 4 =	8 × 3 =	8 × 6 =	3 × 6 =	8 × 3 =	2 × 4 =
9.	**10.**	**11.**	**12.**	**13.**	**14.**	**15.**	**16.**
5 × 6 =	9 × 8 =	9 × 6 =	7 × 7 =	5 × 9 =	7 × 5 =	6 × 3 =	7 × 8 =
17.	**18.**	**19.**	**20.**	**21.**	**22.**	**23.**	**24.**
4 × 4 =	6 × 4 =	6 × 4 =	5 × 5 =	9 × 6 =	9 × 7 =	8 × 2 =	2 × 4 =
25.	**26.**	**27.**	**28.**	**29.**	**30.**	**31.**	**32.**
6 × 2 =	2 × 6 =	7 × 7 =	3 × 2 =	7 × 9 =	6 × 3 =	2 × 4 =	2 × 5 =
33.	**34.**	**35.**	**36.**	**37.**	**38.**	**39.**	**40.**
6 × 6 =	7 × 3 =	9 × 3 =	6 × 8 =	8 × 6 =	6 × 7 =	6 × 7 =	9 × 3 =
41.	**42.**	**43.**	**44.**	**45.**	**46.**	**47.**	**48.**
7 × 9 =	8 × 5 =	7 × 2 =	5 × 4 =	2 × 9 =	6 × 2 =	4 × 6 =	6 × 8 =
49.	**50.**	**51.**	**52.**	**53.**	**54.**	**55.**	**56.**
3 × 4 =	2 × 2 =	5 × 6 =	9 × 4 =	3 × 6 =	2 × 7 =	3 × 9 =	9 × 9 =
57.	**58.**	**59.**	**60.**	**61.**	**62.**	**63.**	**64.**
9 × 8 =	4 × 7 =	9 × 8 =	2 × 9 =	8 × 6 =	9 × 2 =	3 × 6 =	8 × 4 =
65.	**66.**	**67.**	**68.**	**69.**	**70.**	**71.**	**72.**
8 × 9 =	5 × 4 =	5 × 4 =	7 × 6 =	9 × 7 =	4 × 2 =	6 × 4 =	2 × 6 =