

MULTIPLICATION & DIVISION FACT FAMILIES

3RD GRADE MATH

WRITE FOUR

2, 9, 18

$$\frac{2}{\underline{\quad}} \times \frac{9}{\underline{\quad}} = \frac{18}{\underline{\quad}}$$

$$\frac{9}{\underline{\quad}} \times \frac{2}{\underline{\quad}} = \frac{18}{\underline{\quad}}$$

$$\frac{18}{\underline{\quad}} \div \frac{2}{\underline{\quad}} = \frac{9}{\underline{\quad}}$$

$$\frac{18}{\underline{\quad}} \div \frac{9}{\underline{\quad}} = \frac{\quad}{\underline{\quad}}$$



Fill in the 4 fact family equations based on the numbers at the top.

WRITE FOUR

2, 9, 18

$$\frac{2}{\underline{\quad}} \times \frac{9}{\underline{\quad}} = \frac{18}{\underline{\quad}}$$

$$\frac{9}{\underline{\quad}} \times \frac{2}{\underline{\quad}} = \frac{18}{\underline{\quad}}$$

$$\frac{18}{\underline{\quad}} \div \frac{9}{\underline{\quad}} = \frac{2}{\underline{\quad}}$$

$$\frac{18}{\underline{\quad}} \div \frac{2}{\underline{\quad}} = \frac{9}{\underline{\quad}}$$

Fill in the 4 fact family equations based on the numbers at the top.

© The Lifetime Learner

THE LIFETIME LEARNER

✓ 4 Activities

✓ Print & Digital

What's Included?

Everything you need for easy small-group or center rotations.

- ✓ 4 Task Card Games
- ✓ 11 Questions Per Game
- ✓ Recording Sheets
- ✓ Answer Keys
- ✓ Print & Digital
- ✓ Color & B/W Versions

MATH TRIANGLES

CARD #1

Fill in the missing number and the symbol in each fact family triangle using your knowledge of multiplication and division.

© The Lifetime Learner

FIND THE MISTAKE CARD #1

$$\begin{array}{r} 9 \times 6 = 54 \\ 6 \times 9 = 54 \\ 54 \div 9 = 6 \\ 54 \div 6 = 6 \end{array}$$

Put an arrow next to the equation that was written incorrectly and then write the correct equation in the box.

© The Lifetime Learner

Name: _____

Write Four: Recording Sheet

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

Write the four equations in each box.

© The Lifetime Learner

WRITE FOUR 2, 9, 18

$$\begin{array}{r} _ \times _ = _ \\ _ \times _ = _ \\ _ \div _ = _ \\ _ \div _ = _ \end{array}$$

Fill in the 4 Fact family equations based on the numbers at the top.

CARD #1

© The Lifetime Learner

FLIP IT! SWITCH IT!

$$12 \times _ = 72$$

Use fact families to figure out what the answer is. Write a new equation and solve.

CARD #1

© The Lifetime Learner

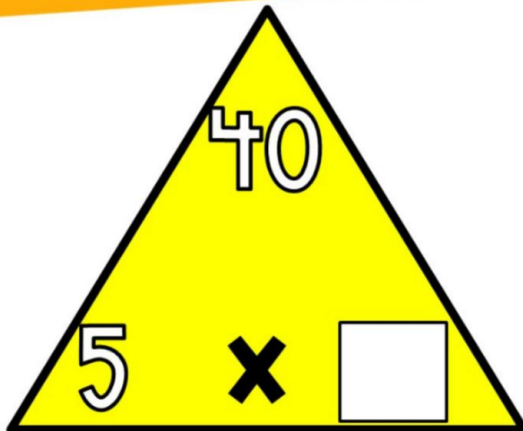


Game #1

Math Triangles

Students fill in the missing number in each fact family triangle.

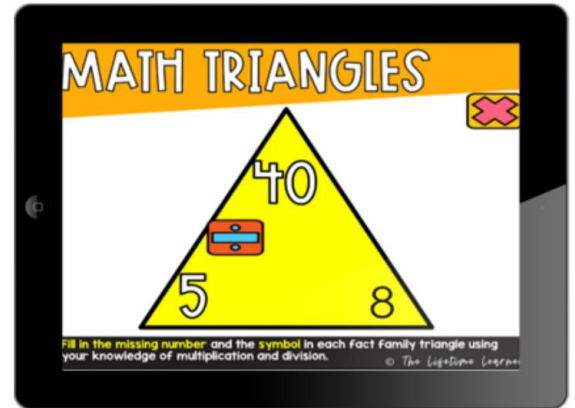
MATH TRIANGLES



CARD #1

Fill in the missing number and the symbol in each fact family triangle using your knowledge of multiplication and division.

© The Lifetime Learner



Fill in the missing number and the symbol in each Fact Family triangle using your knowledge of multiplication and division.

© The Lifetime Learner

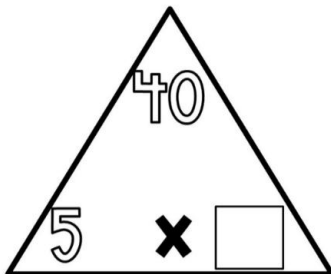
Math Triangles: Answer Key

2.	3.	4.
$5 \times 7 = 35$	$18 / 6 = 3$	$4 \times 8 = 32$
5.	6.	7.
$56 / 8 = 7$	$6 \times 8 = 48$	$36 / 9 = 4$
8.	9.	10.
$3 \times 3 = 9$	$12 / 4 = 3$	$8 / 2 = 4$
11.		
	$27 / 3 = 9$	

Write your equation and answer in each box.

© The Lifetime Learner

MATH TRIANGLES



CARD #1

Fill in the missing number and the symbol in each fact family triangle using your knowledge of multiplication and division.

© The Lifetime Learner

Game #2

Write Four

Students write four fact family equations using their knowledge of multiplication and division.

WRITE FOUR 2, 9, 18

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$


Fill in the 4 fact family equations based on the numbers at the top.

CARD #1

© The Lifetime Learner
18/9=2

WRITE FOUR 2, 9, 18

$$\underline{2} \times \underline{9} = \underline{18}$$

$$\underline{9} \times \underline{2} = \underline{18}$$

$$\underline{18} \div \underline{9} = \underline{2}$$

$$\underline{18} \div \underline{2} = \underline{9}$$

Fill in the 4 fact family equations based on the numbers at the top.

© The Lifetime Learner

Write Four: Answer Key

2. $5 \times 5 = 25$ $5 \times 5 = 25$ $25 / 5 = 5$ $25 / 5 = 5$	3. $2 \times 3 = 6$ $3 \times 2 = 6$ $6 / 3 = 2$ $6 / 2 = 3$	4. $5 \times 9 = 45$ $9 \times 5 = 45$ $45 / 5 = 9$ $45 / 9 = 5$
5. $6 \times 7 = 42$ $7 \times 6 = 42$ $42 / 6 = 7$ $42 / 7 = 6$	6. $7 \times 10 = 70$ $10 \times 7 = 70$ $70 / 7 = 10$ $70 / 10 = 7$	7. $1 \times 5 = 5$ $5 \times 1 = 5$ $5 / 1 = 5$ $5 / 5 = 1$
9. $5 \times 6 = 30$ $6 \times 5 = 30$ $30 / 6 = 5$ $30 / 5 = 6$	10. $7 \times 9 = 63$ $9 \times 7 = 63$ $63 / 9 = 7$ $63 / 7 = 9$	11. $11 \times 11 = 121$ $11 \times 11 = 121$ $121 / 11 = 11$ $121 / 11 = 11$



Fill in the 4 fact family equations based on the numbers at the top.

CARD #1

© The Lifetime Learner

Write the four equations in each box.

© The Lifetime Learner

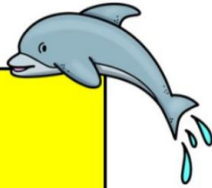
Game #3

Flip It! Switch It!

Students solve each equation using fact families to flip it around.

FLIP IT! SWITCH IT!

$$12 \times _ = 72$$



Use fact families to figure out what the answer is.
Write a new equation and solve.

© The Lifetime Learner

CARD #1

FLIP IT! SWITCH IT!

$$12 \times _ = 72$$



CARD #1

Use fact families to figure out what the answer is.
Write a new equation and solve.

© The Lifetime Learner

FLIP IT! SWITCH IT!

$$12 \times _ = 72$$

$$72 / 12 = 6$$

Use fact families to figure out what the answer is.
Write a new equation and solve.

© The Lifetime Learner

Flip It, Switch It: Answer Key

2. $20/5=4$	3. $2 \times 2=4$	4. $25/5=5$
5. $77/11=7$	6. $30/6=5$	7. $12/4=3$
8. $50/10=5$	9. $48/8=6$	10. $42/6=7$
11. $6 \times 3=18$		

Write a new equation using fact families and solve.

© The Lifetime Learner

Game #4

Find the Mistake

Students find the incorrect equation on each task card and rewrite it correctly.

FIND THE MISTAKE CARD #1

$$\begin{array}{r} 9 \\ \hline \end{array} \times \begin{array}{r} 6 \\ \hline \end{array} = \begin{array}{r} 54 \\ \hline \end{array}$$

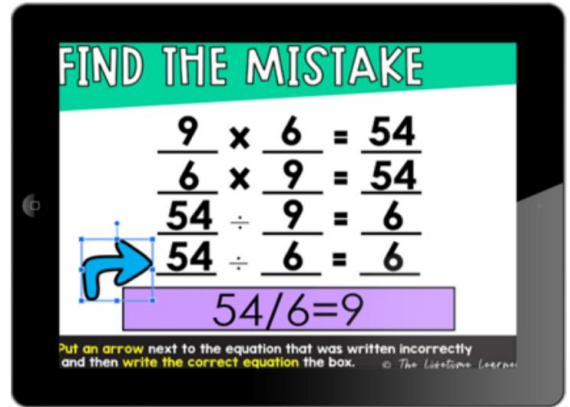
$$\begin{array}{r} 6 \\ \hline \end{array} \times \begin{array}{r} 9 \\ \hline \end{array} = \begin{array}{r} 54 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \hline \end{array} \div \begin{array}{r} 9 \\ \hline \end{array} = \begin{array}{r} 6 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \hline \end{array} \div \begin{array}{r} 6 \\ \hline \end{array} = \begin{array}{r} 6 \\ \hline \end{array}$$



Put an arrow next to the equation that was written incorrectly and then write the correct equation the box. © The Lifetime Learner



FIND THE MISTAKE CARD #1

$$\begin{array}{r} 9 \\ \hline \end{array} \times \begin{array}{r} 6 \\ \hline \end{array} = \begin{array}{r} 54 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \hline \end{array} \times \begin{array}{r} 9 \\ \hline \end{array} = \begin{array}{r} 54 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \hline \end{array} \div \begin{array}{r} 9 \\ \hline \end{array} = \begin{array}{r} 6 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \hline \end{array} \div \begin{array}{r} 6 \\ \hline \end{array} = \begin{array}{r} 6 \\ \hline \end{array}$$



Put an arrow next to the equation that was written incorrectly and then write the correct equation the box. © The Lifetime Learner

Find the Mistake: Recording Sheet

2. Mistake: $16 \times 2 = 8$ Correct: $2 \times 8 = 16$	3. Mistake: $7/42 = 6$ Correct: $42/7 = 6$	4. Mistake: $8/24 = 3$ Correct: $24/8 = 3$
5. Mistake: $5 \times 5 = 15$ Correct: $5 \times 3 = 15$	6. Mistake: $2/2 = 4$ Correct: $4/2 = 2$	7. Mistake: $10 \times 10 = 1$ Correct: $1 \times 10 = 10$
9. Mistake: $6 \times 3 = 2$ Correct: $3 \times 2 = 6$	10. Mistake: $9/3 = 27$ Correct: $27/9 = 3$	11. Mistake: $5/0 = 0$ Correct: $0/5 = 0$



First, write the mistake. Then, write the correct answer.

Want more games like this?

Grab the bundle and save big.

3RD GRADE MATH TASK CARD BUNDLE

CATCH THE BUGS

$8 \div 4$

CATCH THE BUGS

$8 \div 4$

COLOR IT!

$2+2$

2×5 $2+2+2+2$

COLOR IT!

2×5 $2+2+2+2$

Find the repeated

FIND THE ERROR

5,10,15,20,30,35

6×5

FIND THE ERROR

5,10,15,20,30,35

6×5

MAKE AN ARRAY

$3 \times 9 =$

MAKE AN ARRAY

$3 \times 9 =$

PLOTTING FRACTIONS GAMES

Write the fraction that belongs on top of each animal.

1.

2.

3.

4.

PLOTTING FRACTIONS GAMES

Write the fraction that belongs on top of each animal.

1.

2.

FLOWER POWER

Water the flowers that round to the hundred below.

209, 125, 234, 227, 246, 155

149, 151, 188, 172, 213

ROUND

ROUNDS TO 200

CARD #2

COMPLETE THE ACTIVITY

1. $\frac{2}{4} \times \frac{3}{8}$

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

3. $\frac{1}{2} \times \frac{3}{8}$

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

COMPLETE THE ACTIVITY

1. $\frac{2}{4} \times \frac{3}{8}$

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

FIND AN AREA OF...

32

A.

B.

C.

FIND AN AREA OF... 32

A.

B.

C.

LUNCH TIME FUN

Uh oh! It looks like there's been a food mix-up! Give the correct Foods to the kid below based on your knowledge of equivalent fractions. Write the answer(s) above each tray.

$\frac{3}{4}$

CARD #2

LUNCH TIME FUN

Uh oh! It looks like there's been a food mix-up! Give the correct Foods to the kid below based on your knowledge of equivalent fractions. Write the answer(s) above each tray.

$\frac{3}{4}$

CARD #2

150+

PRINT & DIGITAL GAMES

