

Exit Ticket Answer Key

Grade 3



ST Math.
Camp

Module 1: Multiply and divide facts within 100

Name: _____ Date: _____

1. Circle the equations that are true.

$3 \times 8 = 6 \times 4$

$7 \times 6 = 6 \times 7$

$32 \div 8 = 16 \div 2$

$5 \times 2 = 10 \times 4$

$4 \times 3 = 24 \div 2$

$5 \times 9 = 8 \times 8$

Answer:

$3 \times 8 = 6 \times 4$

$7 \times 6 = 6 \times 7$

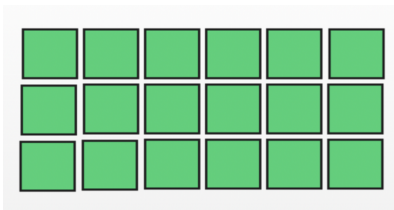
$32 \div 8 = 16 \div 2$

$5 \times 2 = 10 \times 4$

$4 \times 3 = 24 \div 2$

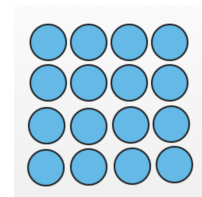
$5 \times 9 = 6 \times 8$

2. Write one multiplication and one division equation that will match the arrays below.



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

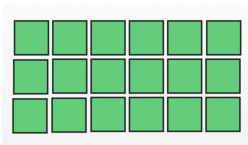
$\underline{\quad} \div \underline{\quad} = \underline{\quad}$



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

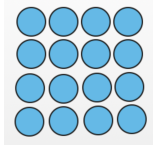
$\underline{\quad} \div \underline{\quad} = \underline{\quad}$

Answer:



$3 \times 6 = 18 \text{ or } 6 \times 3 = 18$

$18 \div 6 = 3 \text{ or } 18 \div 3 = 6$



$4 \times 4 = 16$

$16 \div 4 = 4$

Exit Ticket Answer Key

Grade 3



ST Math.
Camp

Module 2: Understand the relationship between multiplication and division

Name: _____ Date: _____

1. Siena says that she can use multiplication to solve division problems. She says that $15 \div 3 =$ _____ is equivalent to $___ \times 3 = 15$. Since she knows that $5 \times 3 = 15$, she knows that $15 \div 3 = 5$.

Use Siena's strategy to solve the following division problems.

$36 \div 4 = ______$

$______ = 56 \div 7$

$16 \div 8 = ______$

Answer:

$36 \div 4 = \underline{9}$

$\underline{8} = 56 \div 7$

$16 \div 8 = \underline{2}$

2. Complete each sentence.

3 groups of 5 is _____.

_____ groups of 7 is 28.

1 group of _____ is 9.

8 groups of 2 is _____.

_____ groups of 4 is 12.

6 groups of _____ is 12.

Answer:

3 groups of 5 is **15**.

4 groups of 7 is 28.

1 group of **9** is 9.

8 groups of 2 is **16**.

3 groups of 4 is 12.

6 groups of **6** is 36.

Exit Ticket Answer Key

Grade 3



ST Math.
Camp

Module 3: Solve problems using multiplication and division within 100

Name: _____ Date: _____

1. Jiji has 3 baskets of apples to take to Paco's party. Each basket contains 7 apples. How many apples will Jiji take to Paco's party?

Answer:

21 apples

2. If 48 crayons are to be packaged in 8 markers per box, how many boxes of crayons can be made?

Answer:

6 boxes

Exit Ticket Answer Key

Grade 3

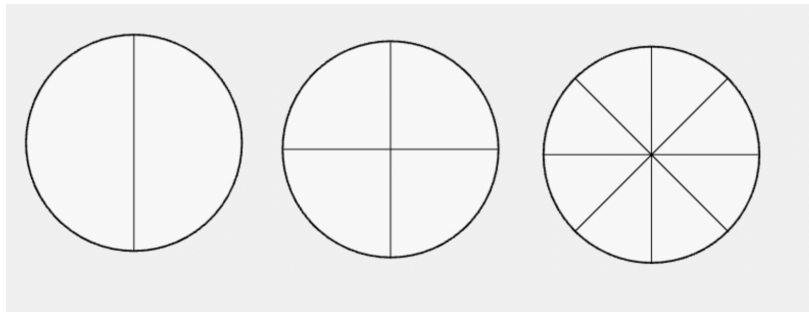


ST Math.
Camp

Module 4: Understand equivalent fractions

Name: _____ Date: _____

1. Shade the circles to show fractions equivalent to $\frac{1}{2}$.

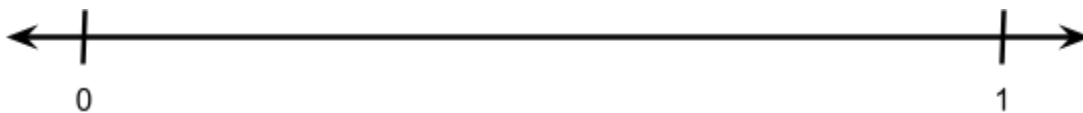


How do you know they are equivalent $\frac{1}{2}$?

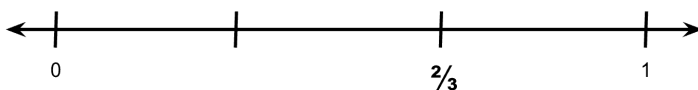
Answer:

Look for student explanations to say that the same amount of the circle is shaded or another way they might explain equivalence.

2. On the number line, show where $\frac{2}{3}$ is located.



Answer:



Exit Ticket Answer Key

Grade 3

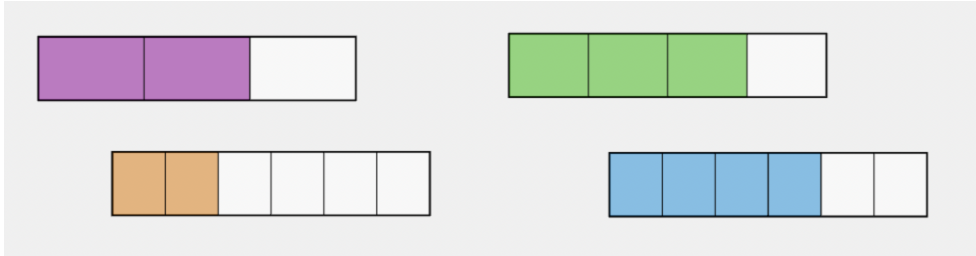


ST Math.
Camp

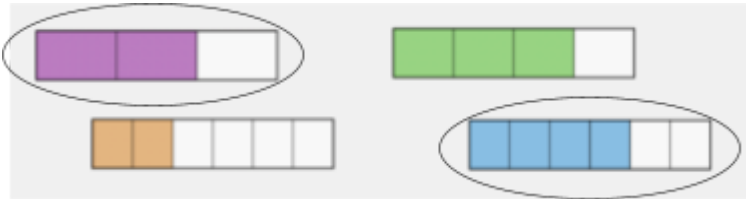
Module 5: Recognize and generate equivalent fractions

Name: _____ Date: _____

1. Circle the fractions that are equivalent to $\frac{2}{3}$:



Answer:



2. Stephanie says that $\frac{2}{4}$ and $\frac{4}{8}$ are not equivalent fractions. Do you agree with Stephanie? Explain your thinking.

Answer:

Because $\frac{2}{4}$ and $\frac{4}{8}$ are equivalent fractions, students should not agree with Stephanie. They might show that $\frac{2}{4}$ and $\frac{4}{8}$ are both equivalent to $\frac{1}{2}$, draw a number line or other visual representation, or explain in another way.