

Name _____

Generate Equivalent Fractions

COMMON CORE STANDARD CC.4.NF.1

Extend understanding of fraction equivalence and ordering.

Write two equivalent fractions for each.

1. $\frac{1}{3}$

2. $\frac{2}{3}$

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

4. $\frac{4}{5}$

$$\frac{1 \times 2}{3 \times 2} = \frac{2}{6}$$

$$\frac{1 \times 4}{3 \times 4} = \frac{4}{12}$$

Tell whether the fractions are equivalent.

Write = or \neq .

5. $\frac{1}{4} \bigcirc \frac{3}{12}$

6. $\frac{4}{5} \bigcirc \frac{5}{10}$

7. $\frac{3}{8} \bigcirc \frac{2}{6}$

8. $\frac{3}{4} \bigcirc \frac{6}{8}$

9. $\frac{5}{6} \bigcirc \frac{10}{12}$

10. $\frac{6}{12} \bigcirc \frac{5}{8}$

11. $\frac{2}{5} \bigcirc \frac{4}{10}$

12. $\frac{2}{4} \bigcirc \frac{3}{12}$

Problem Solving 

13. Jan has a 12-ounce milkshake. Four ounces in the milkshake are vanilla, and the rest is chocolate. What are two equivalent fractions that represent the fraction of the milkshake that is vanilla?

14. Kareem lives $\frac{4}{10}$ of a mile from the mall. Write two equivalent fractions that show what fraction of a mile Kareem lives from the mall.

Lesson Check (CC.4.NF.1)

- Jessie colored a poster. She colored $\frac{2}{5}$ of the poster red. Which fraction is equivalent to $\frac{2}{5}$?

<p>(A) $\frac{4}{10}$</p> <p>(B) $\frac{7}{10}$</p>	<p>(C) $\frac{4}{5}$</p> <p>(D) $\frac{2}{2}$</p>
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- Marcus makes a punch that is $\frac{1}{4}$ cranberry juice. Which two fractions are equivalent to $\frac{1}{4}$?

<p>(A) $\frac{2}{5}, \frac{3}{12}$</p> <p>(B) $\frac{2}{8}, \frac{4}{12}$</p>	<p>(C) $\frac{3}{4}, \frac{6}{8}$</p> <p>(D) $\frac{2}{8}, \frac{3}{12}$</p>
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Spiral Review (CC.4.OA.3, CC.4.OA.5, CC.4.NBT.5)

- An electronics store sells a large flat screen television for \$1,699. Last month, the store sold 8 of these television sets. About how much money did the store make on the television sets? (Lesson 2.4)

<p>(A) \$160,000</p> <p>(B) \$16,000</p> <p>(C) \$8,000</p> <p>(D) \$1,600</p>	<p>(A) 300</p> <p>(B) 200</p> <p>(C) 150</p> <p>(D) 100</p>
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- Matthew has 18 sets of baseball cards. Each set has 12 cards. About how many baseball cards does Matthew have in all? (Lesson 3.2)
- Diana had 41 stickers. She put them in 7 equal groups. She put as many as possible in each group. She gave the leftover stickers to her sister. How many stickers did Diana give to her sister? (Lesson 4.3)

<p>(A) 3</p> <p>(B) 4</p> <p>(C) 5</p> <p>(D) 6</p>	<p>(A) Add 2, add 3.</p> <p>(B) Add 6, subtract 3.</p> <p>(C) Subtract 6, add 3.</p> <p>(D) Subtract 2, add 3.</p>
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- Christopher wrote the number pattern below. The first term is 8.
8, 6, 9, 7, 10, ...
Which is a rule for the pattern? (Lesson 5.6)