Review for Assessment: Multiplying Fractions, Whole & Mixed Numbers

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- 1. Which picture shows that $\frac{1}{2}$ of the 6 circles are shaded?

- $2. \quad 2\frac{1}{4} \times 1\frac{1}{5} = ?$
 - a. $2\frac{7}{10}$ b. 2
- c. $2\frac{1}{20}$
- d. $2\frac{1}{4}$
- 3. There are 32 students in Ms. Dunlop's Advisory. Of the students, $\frac{3}{8}$ are boys. How many boys are in her homeroom?
 - a. 6
- c. 12
- d. 14

Find the product. Simplify.

- $\frac{4}{9}$ of 36
 - a. 16
- b. $\frac{1}{16}$

Find the product.

- $\frac{1}{3} \times 2\frac{1}{3}$
- b. $1\frac{2}{9}$ c. $3\frac{2}{3}$
- 6. You are making scarves for presents. Each scarf needs $\frac{3}{4}$ yd of fabric. How many yards of fabric do you need for 7 scarves?
- a. $9\frac{1}{3}$ yd b. $5\frac{1}{4}$ yd c. $10\frac{2}{3}$ yd d. 6 yd

Short Answer

7. The product of $5\frac{1}{3}$ and $\frac{7}{8}$.

8. If each person in Michigan recycles $1\frac{1}{4}$ pounds of plastic each day, how many pounds of plastic does each person throw away in a month (30 days)?

Hour Date

vision of Fractions, Mixed Numbers, and Whole Numbers

Multiple Choice

Identify the choice that best completes the statement or answers the question. Be sure to show all your work and box your final answers.

Find the quotient.

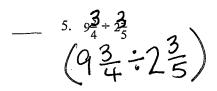
2.
$$18 \div \frac{3}{5}$$

- d. 30

$$\frac{5}{6} \div \frac{6}{7}$$

$$-$$
 4. $1\frac{1}{6} \div 8$

- b. $9\frac{1}{3}$



- a. 4
- b. $25\frac{7}{20}$
- c. $3\frac{3}{4}$
- d. $1\frac{7}{13}$

6. Paige spends 3 hours on her homework. She spends equal amounts of time on all subjects. If Paige spends $\frac{1}{2}$ hour on math, how many subjects does she study?

- a. 6 subjects
- b. 5 subjects
- c. 7 subjects
- d. 8 subjects

7. You have $2\frac{2}{3}$ cups of dried fruit to divide evenly among 5 children. How many cups of fruit will each child receive?

- a. $\frac{15}{8}$
- b. $\frac{8}{15}$
- c. $\frac{7}{15}$
- d. $\frac{15}{7}$

8. Find the reciprocal of $\frac{2}{11}$.

- a. 2
- b. 11
- c. <u>9</u> 11
- d. <u>11</u>

Short Answer Be sure to show all your work and box your final answers

9. Carly's mom bought 3 ¹/₃ pounds of strawberries to make strawberry smoothies. She estimates that she will need ¹/₉ pound of strawberries for each smoothie. How many smoothies can she make with the strawberries she bought?