

NAME: _____

DATE: _____

MATHEMATICS

DIVIDING FRACTIONS WORD PROBLEMS



Solve the word problems below:

1. Mrs. McKenzie makes sofa cushion covers. If one cover requires $\frac{12}{5}$ yards of fabric, how many covers can she make with $\frac{72}{5}$ yards of fabric?
 - A. 6 covers
 - B. 7 covers
 - C. 8 covers

2. Christopher has $\frac{1}{4}$ gallon of fruit punch for a birthday party. He is sharing the punch equally between 3 separate jars. How much fruit punch will be in each jar?
 - A. $\frac{1}{16}$ gal.
 - B. $\frac{1}{12}$ gal
 - C. $\frac{2}{12}$ gal

3. Mrs. Fountain-Moss roots her plants using $\frac{32}{3}$ ounces of rooting powder. If each plant receives $\frac{2}{3}$ of an ounce of powder, how many plants does Mrs. Fountain-Moss root?
 - A. 32 plants
 - B. 16 plants
 - C. 34 plants

4. Kerrisha has a nylon rope that measures $11/12$ of a yard. She cut it into pieces of $1/12$ of a yard. How many pieces of rope does she have?

- A. 13 pieces
- B. 12 pieces
- C. 11 pieces

5. If it requires $1/16$ of a pound of beef to make patties, how many patties can be made with $9/8$ pounds of beef?

- A. 10 patties
- B. 16 patties
- C. 18 patties

6. Maddison had practiced playing table tennis for $25/6$ hours by the end of the week. If each day the practice lasted for $5/6$ of an hour, how many days did she practice during the week?

- A. 5 days
- B. 2 days
- C. 3 days

7. D'antae makes leather keychains with $32/5$ ounces of scrap leather. If it requires $8/5$ ounces to make one keychain, how many keychains can he make?

- A. 10 keychains
- B. 4 keychains
- C. 5 keychains

8.

8. Alex makes paper lampshades. If one lampshade requires $\frac{14}{9}$ feet of parchment paper, how many lampshades can he make with $\frac{56}{3}$ feet of paper?

- A. 12 lampshades
- B. 7 lampshades
- C. 4 lampshades

9.
Brinae has $\frac{3}{5}$ of a pack of artificial flowers, which she uses to decorate bracelets. If it requires $\frac{1}{5}$ of the pack to decorate one bracelet, how many bracelets can she decorate?

- A. 3 bracelets
- B. 4 bracelets
- C. 5 bracelets

10.
Markea eats $\frac{2}{3}$ cup of cereal for breakfast every day. If the box contains a total of 24 cups, how many days will it take to finish the cereal box?

- A. 36 days
- B. 27 days
- C. 14 days