

NAME: _____ DATE: _____

MATHEMATICS

DIVIDING FRACTIONS WORD PROBLEMS



Solve the word problems below:

1.
Mrs. McKenzie makes sofa cushion covers. If one cover requires $12/5$ yards of fabric, how many covers can she make with $72/5$ yards of fabric?

A. 6 covers

B. 7 covers

C. 8 covers

2.
Christopher has $1/4$ 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. $1/16$ gal.

B. $1/12$ gal

C. $2/12$ gal

3.
Mrs. Fountain-Moss roots her plants using $32/3$ ounces of rooting powder. If each plant receives $2/3$ 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 $11\frac{1}{12}$ of a yard. She cut it into pieces of $\frac{1}{12}$ of a yard. How many pieces of rope does she have?

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

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

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

6. Maddison had practiced playing table tennis for $25\frac{5}{6}$ hours by the end of the week. If each day the practice lasted for $\frac{5}{6}$ 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 $32\frac{2}{5}$ ounces of scrap leather. If it requires $\frac{8}{5}$ 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 $14/9$ feet of parchment paper, how many lampshades can he make with $56/3$ feet of paper?

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

9. Brinae has $3/5$ of a pack of artificial flowers, which she uses to decorate bracelets. If it requires $1/5$ 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 $2/3$ 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