

Name: _____ Class: _____

1. Franco read $\frac{3}{8}$ of a chapter of his history book in $\frac{1}{5}$ of an hour. At this rate, how many chapters of his history book can he read in 1 hour?

- A** $\frac{3}{8}$ chapter **B** $\frac{8}{15}$ chapter **C** $\frac{7}{15}$ chapter **D** $\frac{7}{8}$ chapter

2. On a map, $1\frac{3}{4}$ inches represent $24\frac{1}{2}$ miles. How many miles does 1 inch represent on this map?

- A** 7 miles **B** 14 miles **C** $16\frac{1}{3}$ miles **D** $22\frac{3}{4}$ miles

3. A painter used $1\frac{1}{2}$ gallons of paint to paint $\frac{3}{4}$ of a room. At this same rate, how many gallons will it take to paint the whole room?

- A** $\frac{1}{2}$ **B** $1\frac{1}{8}$ **C** 2 **D** 6

4. While in Europe, Mr. Trent exchanged some American dollars for the European currency, euros. He was given 35 euros for \$45.00. What was the approximate exchange rate in euros per dollar?

A 0.10

B 0.78

C 1.29

D 3.50

5. An experimental vehicle was able to travel $\frac{3}{8}$ mile on $\frac{1}{16}$ gallon of water. At this rate, what was the mileage in miles per gallon of water for this vehicle?

A $\frac{3}{128}$

B $\frac{1}{6}$

C 6

D $42\frac{2}{3}$

6. Each section of a fence measures $5\frac{3}{4}$ feet. Each section is $\frac{1}{6}$ of the length of a side of the fence. How long is the side of the fence?

A 18

B 30

C $30\frac{3}{4}$

D $34\frac{1}{2}$

7. If a plant grows $\frac{1}{2}$ inch in $\frac{3}{7}$ of a week, at what rate is the plant growing?

A $\frac{3}{14}$ inches per week

C $1\frac{1}{6}$ inches per week

B $\frac{6}{7}$ inches per week

D $4\frac{2}{3}$ inches per week

8. Amy baby-sat from 7:30 p.m. to 11:00 p.m. If Amy was paid \$15.75, how much did she earn per hour?

A \$4.20

B \$4.50

C \$5.25

D \$5.50

9. Calvin types 4 pages in $\frac{1}{5}$ hour. The average page contains 250 words. What is Calvin's approximate typing speed in words per minute?

A 50

B 63

C 83

D 200

10. A plant grew $9\frac{1}{2}$ inches in 5 months. What is the plant's monthly growth rate?

A $1\frac{9}{10}$ inches per month

C $9\frac{1}{10}$ inches per month

B $4\frac{1}{2}$ inches per month

D $22\frac{4}{5}$ inches per month

11. Stanley is having wood flooring installed in his living room. The installer has used $10\frac{1}{2}$ boxes of flooring on $\frac{2}{3}$ of the room. How many total boxes of flooring will be needed for Stanley's living room?

A 11

B 15

C 16

D 18

12. Mary used $\frac{1}{2}$ of a can of paint to cover $\frac{1}{8}$ of the outside of her house. How many cans of paint will Mary need to cover the entire outside of her house?

A 2

B 4

C 8

D 16