

Grade 7 Fractions Word Problems

Fractions • Grade 7 • Word Problems • Set A

Name: _____

Date: _____

Read each problem carefully. Show your work, then write your answer on the line.

1. Grace runs $\frac{3}{6}$ mile in $\frac{4}{6}$ hour. What is the speed in miles per hour?

2. A recipe uses $\frac{1}{4}$ cup of flour for $\frac{1}{3}$ of a batch. What is the unit rate in cups per batch?

3. Yara runs $\frac{1}{4}$ mile in $\frac{3}{4}$ hour. What is the speed in miles per hour?

4. $\frac{3}{4}$ of a can of paint covers $\frac{1}{2}$ of a wall. What is the unit rate in walls per can?

5. Carla runs $\frac{3}{4}$ mile in $\frac{1}{2}$ hour. What is the speed in miles per hour?

6. A machine finishes $\frac{1}{4}$ of a part in $\frac{1}{2}$ hour. What is the unit rate in parts per hour?

7. Carla runs $\frac{7}{8}$ mile in $\frac{1}{2}$ hour. What is the speed in miles per hour?

8. A hose delivers $1 \frac{1}{2}$ gallons in $\frac{1}{2}$ minute. What is the unit rate in gallons per minute?

9. Ben runs $\frac{2}{3}$ mile in $\frac{4}{6}$ hour. What is the speed in miles per hour?

10. A recipe uses $\frac{1}{3}$ cup of flour for $\frac{3}{4}$ of a batch. What is the unit rate in cups per batch?

Answer Key

Grade 7 Fractions Word Problems — Set A

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|---------------------------------|----------------------------------|---------------------------------|
| 1. $\frac{3}{4}$ miles per hour | 5. $1\frac{1}{2}$ miles per hour | 9. 1 miles per hour |
| 2. $\frac{3}{4}$ cup per batch | 6. $\frac{1}{2}$ part per hour | 10. $\frac{4}{9}$ cup per batch |
| 3. $\frac{1}{3}$ miles per hour | 7. $1\frac{3}{4}$ miles per hour | |
| 4. $1\frac{1}{2}$ walls per can | 8. 3 gallons per minute | |