

Grade 7 Fractions Word Problems

Fractions • Grade 7 • Word Problems • Set C

Name: _____

Date: _____

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

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

2. $\frac{4}{5}$ of a can of paint covers $\frac{1}{3}$ of a wall. What is the unit rate in walls per can?

3. Victor runs $\frac{10}{12}$ mile in $\frac{3}{5}$ hour. What is the speed in miles per hour?

4. A snail travels $1\frac{1}{2}$ feet in $\frac{2}{3}$ minute. What is the unit rate in feet per minute?

5. Noah runs $\frac{1}{5}$ mile in $\frac{3}{6}$ hour. What is the speed in miles per hour?

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

7. Noah runs $\frac{8}{10}$ mile in $\frac{1}{3}$ hour. What is the speed in miles per hour?

8. A machine finishes $\frac{1}{3}$ of a part in $\frac{1}{3}$ hour. What is the unit rate in parts per hour?

9. Noah runs $\frac{1}{2}$ mile in $\frac{1}{2}$ hour. What is the speed in miles per hour?

10. $\frac{4}{5}$ of a can of paint covers $\frac{3}{4}$ of a wall. What is the unit rate in walls per can?

Answer Key

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|-----------------------------------|----------------------------------|-----------------------------------|
| 1. 4 miles per hour | 5. $\frac{2}{5}$ miles per hour | 9. 1 miles per hour |
| 2. $2\frac{2}{5}$ walls per can | 6. $1\frac{1}{8}$ cups per batch | 10. $1\frac{1}{15}$ walls per can |
| 3. $1\frac{7}{18}$ miles per hour | 7. $2\frac{2}{5}$ miles per hour | |
| 4. $2\frac{1}{4}$ feet per minute | 8. 1 part per hour | |