GRADE 7 MATH · HOMEWORK

Solve Problems Using Unit Rates

SCORE / 25

01 Part A · Practice

Find the unit rate with fractions, then multiply to find a total or divide to find how long.

1 ●○○ A cyclist rides $2\frac{2}{3}$ miles per hour. How many hours for 4 miles?

2 ●○○ A machine spins $2\frac{2}{3}$ yards per minute. How many yards in $1\frac{1}{2}$ minutes?

3 ●○○ A plant grows $1\frac{1}{2}$ inches in $2\frac{2}{5}$ weeks. How many inches in 3 weeks?

4 ●○○ A plant grows $2\frac{1}{3}$ inches per week. How many inches in $\frac{3}{8}$ week?

5 ●○○ A machine spins $1\frac{1}{2}$ yards in $\frac{3}{8}$ minute. How many yards in 6 minutes?

6 ●○○ A plant grows $1\frac{1}{2}$ inches per week. How many weeks for $3\frac{3}{4}$ inches?

7 ●○○ A plant grows $1\frac{1}{8}$ inches per week. How many inches in $2\frac{1}{3}$ weeks?

8 ●○○ A cyclist rides $2\frac{5}{6}$ miles in $\frac{1}{6}$ hour. How many miles in 2 hours?

9 ●○○ A machine spins $1\frac{1}{2}$ yards per minute. How many minutes for 4 yards?

10 ●○○ A pump moves $2\frac{2}{5}$ gallons per minute. How many gallons in $\frac{2}{3}$ minute?

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Preview - the full worksheet and its answer key are at primeworksheet.com