GRADE 7 MATH · HOMEWORK

Find and Apply a Unit Rate Involving Fractions

SCORE / 25

01 Part A · Practice

Divide the fractions to get the unit rate, then multiply the unit rate by any amount.

1 ●○○ Find the unit rate: $\frac{4}{5}$ yard per $\frac{2}{5}$ costume.

2 ●○○ Simplify. $\frac{\frac{2}{3}}{\frac{1}{5}}$

3 ●○○ The unit rate is $1\frac{1}{2}$ miles per hour. How many miles for $1\frac{1}{2}$ hours?

4 ●○○ The unit rate is $1\frac{3}{4}$ pounds per bag. How many pounds for $2\frac{2}{5}$ bags?

5 ●○○ Find the unit rate: $\frac{1}{4}$ yard per $\frac{2}{5}$ costume.

6 ●○○ Simplify. $\frac{\frac{5}{6}}{\frac{5}{2}}$

7 ●○○ Find the unit rate: $2\frac{1}{6}$ kilometers per $\frac{1}{2}$ hour.

8 ●○○ The unit rate is $1\frac{1}{2}$ cups per batch. How many cups for $1\frac{3}{4}$ batches?

9 ●○○ Simplify. $\frac{\frac{4}{3}}{\frac{1}{6}}$

10 ●○○ Simplify. $\frac{\frac{1}{2}}{\frac{3}{4}}$

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