GRADE 7 MATH · HOMEWORK

Find a Unit Rate Involving Unit Fractions

SCORE / 25

01 Part A · Practice

A rate with fractions is a complex fraction: divide, by multiplying by the reciprocal of the second fraction.

1 ●○○ Find the unit rate: $\frac{1}{7}$ inch in $\frac{1}{2}$ minute.

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

3 ●○○ Divide. $\frac{1}{3} \div \frac{1}{7}$

4 ●○○ Divide. $\frac{1}{3} \div \frac{1}{2}$

5 ●○○ Simplify the complex fraction. $\frac{\frac{1}{3}}{\frac{1}{7}}$

6 ●○○ Find the unit rate: $\frac{1}{4}$ gallon in $\frac{1}{5}$ minute.

7 ●○○ Simplify the complex fraction. $\frac{\frac{1}{3}}{\frac{1}{9}}$

8 ●○○ Divide. $\frac{1}{4} \div \frac{1}{5}$

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