GRADE 7 MATH · HOMEWORK · ADVANCED

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

**2** ●○○ Find the unit rate: $\frac{1}{11}$ gallon in $\frac{1}{10}$ minute.

**3** ●○○ Simplify the complex fraction. $\frac{\frac{3}{2}}{\frac{1}{6}}$

**4** ●○○ Find the unit rate: $\frac{1}{10}$ mile in $\frac{1}{7}$ hour.

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

**6** ●○○ Simplify the complex fraction. $\frac{\frac{1}{8}}{\frac{1}{10}}$

**7** ●○○ Simplify the complex fraction. $\frac{\frac{1}{7}}{\frac{1}{10}}$

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

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