GRADE 7 MATH · HOMEWORK · ADVANCED

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

**2** ●○○ Find the unit rate: $\frac{1}{3}$ gallon per $\frac{1}{2}$ room.

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

**4** ●○○ The unit rate is $2\frac{1}{3}$ yards per costume. How many yards for $4\frac{3}{4}$ costumes?

**5** ●○○ Simplify. $\dfrac{\frac{41}{10}}{\frac{3}{10}}$

**6** ●○○ Find the unit rate: $\frac{3}{5}$ pound per $\frac{3}{8}$ bag.

**7** ●○○ Find the unit rate: $4\frac{3}{4}$ pounds per $\frac{1}{5}$ bag.

**8** ●○○ The unit rate is $2\frac{3}{4}$ yards per costume. How many yards for $\frac{1}{2}$ costume?

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PREVIEW

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