

Name:

Date: Score:

Unit Rates and Ratios of Fractions Matching Worksheet

_____ James fills $\frac{2}{3}$ of a jar of water in $\frac{8}{13}$ of a minute. How long will he take to fill the whole jar? 1. $\frac{7}{20}$

_____ A car travels $\frac{3}{8}$ of a mile in $\frac{2}{5}$ of an hour. How far will it travel in one hour? 2. $\frac{14}{33}$

_____ Michael writes $\frac{3}{5}$ of a page in $\frac{2}{9}$ of a minute. How much time will he take to complete writing the page? 3. $9\frac{3}{8}$

_____ A bucket of water was $\frac{3}{7}$ full, but it still had $\frac{2}{11}$ liters of water. How much water would be in one fully filled bucket? 4. $\frac{15}{16}$

_____ Emma uses $\frac{1}{5}$ of an ounce of cheese to make $\frac{4}{7}$ of a pound of pizza. How many ounces of cheese will she need to make one pound of pizza? 5. $\frac{12}{13}$

_____ Richard takes $\frac{5}{7}$ spoons of chocolate syrup to make $\frac{8}{15}$ gallons of chocolate milk. How many spoons will he need to make 7 gallons of chocolate milk? 6. $\frac{10}{27}$

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Answers

- 5 James fills $\frac{2}{3}$ of a jar of water in $\frac{8}{13}$ of a minute. How long will he take to fill the whole jar? 1. $\frac{7}{20}$
- 4 A car travels $\frac{3}{8}$ of a mile in $\frac{2}{5}$ of an hour. How far will it travel in one hour? 2. $\frac{14}{33}$
- 6 Michael writes $\frac{3}{5}$ of a page in $\frac{2}{9}$ of a minute. How much time will he take to complete writing the page? 3. $9\frac{3}{8}$
- 2 A bucket of water was $\frac{3}{7}$ full, but it still had $\frac{2}{11}$ liters of water. How much water would be in one fully filled bucket? 4. $\frac{15}{16}$
- 1 Emma uses $\frac{1}{5}$ of an ounce of cheese to make $\frac{4}{7}$ of a pound of pizza. How many ounces of cheese will she need to make one pound of pizza? 5. $\frac{12}{13}$
- 3 Richard takes $\frac{5}{7}$ spoons of chocolate syrup to make $\frac{8}{15}$ gallons of chocolate milk. How many spoons will he need to make 7 gallons of chocolate milk? 6. $\frac{10}{27}$