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6th-grade Dividing Fractions Worksheet III

Q.1 Is $\frac{15}{90}$ a simplified fraction? If not, reduce it into the simplified fraction.

Q.2 Which option will convert grams to milligrams?

- Multiply the mass value by 100.
- Multiply the mass value by 1000.
- Divide the mass value by 100.
- Divide the mass value by 1000.

Q.3 Change 0.07 to a fraction.

Q.4 250% is equivalent to _____

Q.5 Divide $\frac{21}{28} \div \frac{32}{24} =$

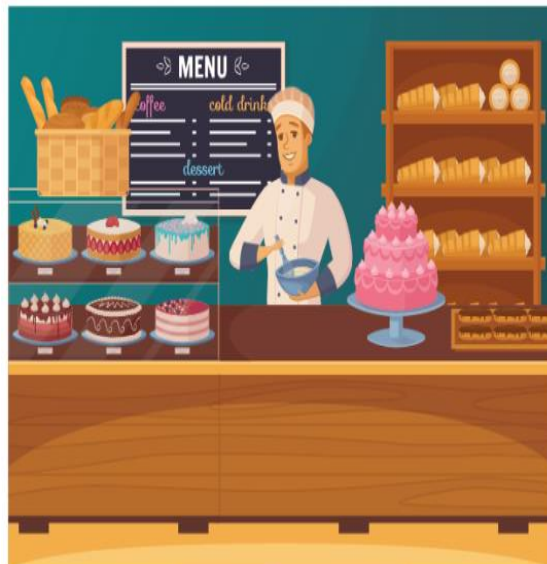
Q.6 Write Thirty-nine divided by seven times a number in a fraction form.

Q.7 Twenty-Five percent of Roses in a garden are red. Convert this percentage into a fraction.

Q.8 Compare the fractions using $<$, $>$, $=$.

$$\frac{3}{5} \text{ --- } \frac{3}{7}$$

Q.9 Jack needs to double his cake recipe to make enough. If the single recipe calls for $2\frac{3}{5}$ cups of flour, how much flour will he need?



- a. $8\frac{1}{5}$ cups
- b. $6\frac{3}{5}$ cups
- c. $5\frac{1}{5}$ cups
- d. $5\frac{2}{5}$ cups

Q.10 Mr. Kessler can drive the truck route in $\frac{7}{8}$ hours. It takes Mr. Stallcup $\frac{2}{3}$ of the time it takes Mr. Kessler. What fraction of an hour (in simplest form) does it take Mr. Stallcup to drive the route?



- a. $\frac{9}{11}$
- b. $\frac{7}{12}$
- c. $\frac{14}{24}$
- d. $\frac{18}{22}$

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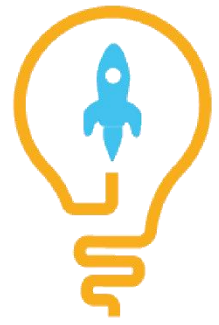
- Kirk Riley

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**ANSWERS**

1. $1/6$	2. b	3. $7/10$ 0	4. $5/2$	5. $9/16$
6. $39/7$ c	7. $1/4$	8. $>$	9. c	10. b

FUN FACT

1. Division of fractions is similar to the multiplication of fractions, where the second fraction is inverted.
2. Dividing a fraction $\frac{a}{b}$ by $\frac{c}{d}$ is the same as multiplying $\frac{a}{b}$ by $\frac{d}{c}$.
3. Dividing one fraction with another fraction may result in a whole number or a fraction.

