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Fractions Worksheets Grade 7

Q.1 Is $\frac{15}{105}$ a simplified fraction? If not, reduce it into the simplified fraction.

Q.2 Which option will convert grams to milligrams?

- a. Multiply the mass value by 100
- b. Multiply the mass value by 1000
- c. Divide the mass value by 100
- d. Divide the mass value by 1000

Q.3 Change 0.9 to a fraction.

Q.4 150% is equivalent to _____

Q.5 Divide $\frac{21}{28} \div \frac{32}{40} =$

Q.6 Write Forty-two divided by seven times a number in a fraction form.

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

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

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

Q.9 Rain needs to double her pizza recipe to make enough. If the single recipe calls for $3\frac{3}{5}$ cups of flour, how much flour will she need?



- a. $8\frac{1}{5}$ cups
- b. $6\frac{3}{5}$ cups
- c. $7\frac{1}{5}$ cups
- d. $6\frac{2}{5}$ cups

Q.10 Mr. Edward can drive the car route in $\frac{5}{8}$ hours. It takes Mr. Gray $\frac{1}{3}$ of the time it takes Mr. Edward. What fraction of an hour (in simplest form) does it take for Mr. Gray to drive the route?



- a. $\frac{9}{11}$
- b. $\frac{7}{12}$
- c. $\frac{5}{24}$
- d. $\frac{18}{22}$

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in an interesting way,
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"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1. $\frac{1}{7}$	2. b	3. $\frac{9}{10}$	4. $\frac{3}{2}$	5. $\frac{15}{16}$
6. $\frac{42}{7e}$	7. $\frac{3}{4}$	8. $<$	9. c	10. c

FUN FACT

1. A right prism is a prism in which the vertical faces are perpendicular to the base faces.
2. Prisms are named based on the shape of their bases. A hexagonal prism has a hexagonal base.

