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4th grade Multiplying Fractions worksheet-1

Q1) Evaluate the following:

a. $\frac{2}{3} \times 36$

b. $\frac{6}{7} \times 49$

Q2) Solve the following:

a. $60 \times \frac{5}{12}$

b. $91 \times \frac{11}{13}$

Q3) Solve: $\frac{4}{9} \times \frac{9}{4}$

Q4) Simplify: $\frac{11}{20} \times \frac{4}{14}$

Q5) Diana runs $\frac{30}{4}$ km in one hour. How much distance will she cover in 3 hours?

Q6) Rooney drinks $\frac{3}{8}$ L of juice each day. Calculate the amount of juice he drinks in 24 days.

Q7) Solve the following:

a. $\frac{32}{12} \times \frac{42}{12}$

b. $\frac{22}{6} \times \frac{7}{2}$

Q8) Evaluate: $1\frac{4}{23} \times 1\frac{3}{25}$

Q9) In a chocolate factory, if each dozen of chocolate needs $\frac{4}{6}$ th of cocoa powder. How much amount of cocoa powder will be needed to prepare 15 chocolates if the total amount of cocoa powder available is 216kg?

Q10) Find the area of a rectangular park which is $\frac{63}{4}$ m long and $\frac{54}{5}$ m broad.

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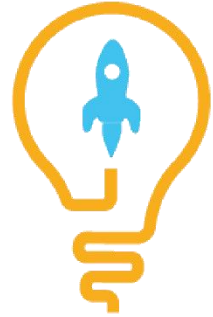
- Kirk Riley

"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."

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ANSWERS

1) a. 24 b. 42	2) a. 25 b. 77
3) 1	4) $11/70$
5) $22 \frac{1}{2}$ Km	6) 9L
7) a. $28/3$ b. $77/6$	8) $1 \frac{181}{575}$
9) 180 Kg	10) $39 \frac{3}{20} \text{ m}^2$

FUN FACT

- 1) Did you know the word fraction comes from the Latin word **fractio** which means “to break”?
- 2) When the parts of the whole are unevenly divided, they don't form fractions.
- 3) Look into an interesting relationship between equivalent fractions. The product of the numerator of the first fraction and the denominator of the second fraction is equal to the product of the denominator of the first fraction and the numerator of the second fraction.

