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Multiplication of Fractions Worksheet 4

1) Evaluate the following:

$$\frac{3}{8} \times 32$$

2) Solve:

$$\frac{16}{64} \times \frac{96}{12}$$

3) Find simplified form of : $\frac{2}{18} \times \frac{8}{48}$

4) There are 60 students in a class and $\frac{4}{6}$ of them are boys. How many girls are there in the class?



5) At my birthday party, there were 16 children. Each child ate $\frac{3}{8}$ of a pizza. How many pizzas had I ordered?



6) Simplify:

$$\frac{15}{135} \times \frac{63}{45}$$

7) Solve:

$$\frac{500}{45} \times \frac{70}{4}$$

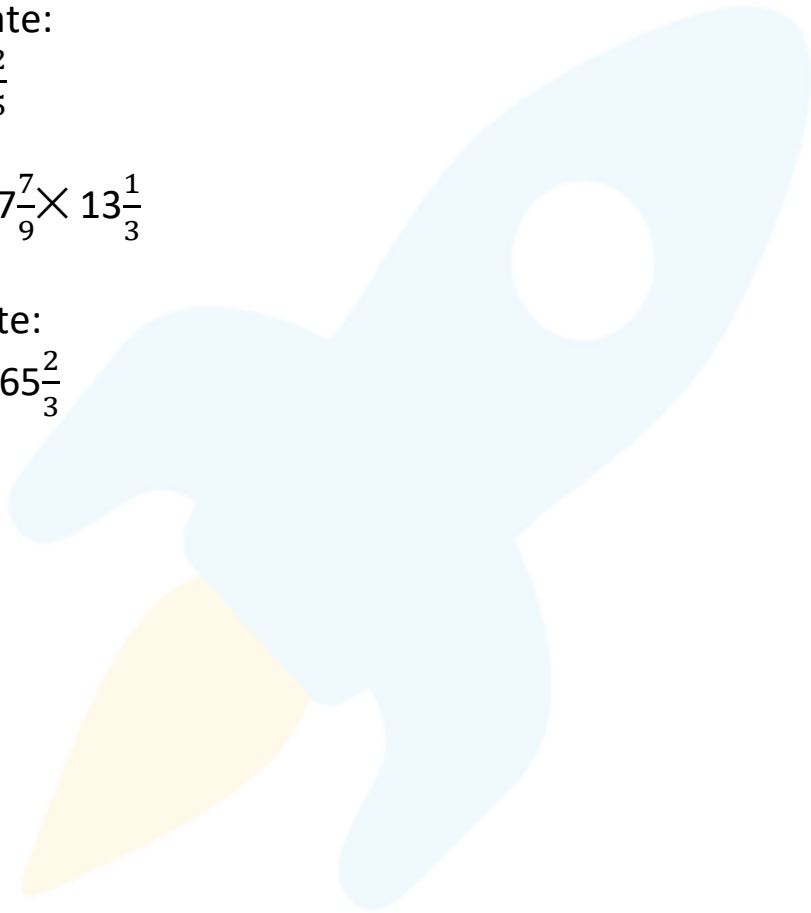
8) Evaluate:

$$9\frac{4}{7} \times 6\frac{2}{5}$$

9) Find: $17\frac{7}{9} \times 13\frac{1}{3}$

10) Evaluate:

$$50\frac{1}{5} \times 65\frac{2}{3}$$



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"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."

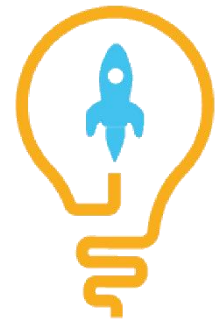
- Kirk Riley

"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. 12	6. $\frac{7}{45}$
2. 2	7. $\frac{1750}{9}$
3. $\frac{1}{54}$	8. $61\frac{9}{35}$
4. Number of boys = 40 Number of girls = 20	9. $237\frac{1}{27}$
5. 6 pizzas	10. $3296\frac{7}{15}$

FUN FACT

- 1) The line that separates the numerator and the denominator is called a vinculum, which is also the word used to describe 'a connecting band of tissue'.
- 2) 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.
- 3) The word "fraction" comes from the Latin word "fractio" which means **to break**.

