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4th grade Multiplying Fractions worksheet-3

1. Evaluate the following:

a) $\frac{2}{9} \times 81$

b) $\frac{4}{6} \times 48$

2. Solve the following:

a) $75 \times \frac{6}{15}$

b) $144 \times \frac{3}{16}$

3. Diana finishes $\frac{3}{7}$ th of her homework in 3 hours. How long will it take for her to complete the overall homework?



4. A shopkeeper sells a notebook for Rs. $\frac{211}{10}$. The number of notebooks sold by him on a particular day is 50. Find the total amount earned by him on that day.



5. Simplify: $\frac{12}{18} \times \frac{60}{98}$

6. Solve the following:

a) $\frac{19}{8} \times \frac{4}{2}$

b) $\frac{144}{119} \times \frac{17}{16}$

7. Evaluate:

$$7\frac{1}{4} \times 3\frac{5}{6}$$

8. Evaluate:

$$11\frac{7}{8} \times 15\frac{2}{3}$$

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



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



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"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) a: 18 b: 32 | 2) a: 30 b: 27 |
| 3) 7 hours | 4) Rs 1055 |
| 5) $20/49$ | 6) a: $19/4$ b: $9/7$ |
| 7) $667/24$ | 8) $186\frac{1}{24}$ |
| 9) No. of boys = 40 No. of girls = 20 | 10) 6 pizzas |

FUN FACT

- 1) When the parts of the whole are unevenly divided, they don't form fractions.
- 2) Did you know: The word fraction comes from the Latin word **fractio** which means to break?
- 3) 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'.

