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4th grade Multiplying Fractions worksheet-4

1. Evaluate the following:

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

b) $\frac{2}{9} \times 54$

2. Solve:

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

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

4. Sofia sells half a dozen pens for \$ $\frac{105}{4}$. The number of pens sold by her on a particular day is 36. Find the total amount earned by her on that day.



5. Simplify:

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

6. Solve:

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

7. Evaluate:

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

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

9. Evaluate:

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

10. I have 35 pastries in total. I give $\frac{2}{7}$ part of it to my elder brother and $\frac{2}{5}$ of the remaining to my younger sister. How many pastries am I left with?



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**ANSWERS**

1) a: 12 b: 12	2) 2
3) $\frac{1}{54}$	4) \$ $78\frac{3}{4}$
5) $\frac{7}{45}$	6) $\frac{1750}{9}$
7) $61\frac{9}{35}$	8) $237\frac{1}{27}$
9) $3296\frac{7}{15}$	10) No. of pastries given to elder brother = 10 No. of pastries given to younger sister = 10 No. of pastries left = 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) Did you 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.
- 3) The word "fraction" comes from the Latin word "fractio" which means **to break**.

