

## Year 7 Fractions Worksheet



### 1. Add. Simplify your answer.

A. $\frac{8}{9} + \frac{1}{9} =$	B. $\frac{2}{6} + \frac{2}{6} =$	C. $\frac{1}{7} + \frac{4}{7} =$	D. $\frac{6}{8} + \frac{2}{8} =$
E. $\frac{2}{3} + \frac{1}{3} =$	F. $\frac{4}{5} + \frac{1}{5} =$	G. $\frac{1}{2} + \frac{1}{2} =$	H. $\frac{1}{4} + \frac{3}{4} =$
I. $\frac{5}{7} + \frac{1}{7} =$	J. $\frac{4}{6} + \frac{1}{6} =$	K. $\frac{3}{5} + \frac{1}{5} =$	L. $\frac{5}{9} + \frac{3}{9} =$

### 2. Subtract. Simplify your answer.

A. $\frac{4}{6} - \frac{1}{6} =$	B. $\frac{3}{5} - \frac{2}{5} =$	C. $\frac{3}{4} - \frac{1}{4} =$	D. $\frac{6}{7} - \frac{1}{7} =$
E. $\frac{5}{9} - \frac{4}{9} =$	F. $\frac{2}{3} - \frac{1}{3} =$	G. $\frac{5}{6} - \frac{1}{6} =$	H. $\frac{6}{8} - \frac{2}{8} =$
I. $\frac{8}{9} - \frac{1}{9} =$	J. $\frac{2}{4} - \frac{1}{4} =$	K. $\frac{3}{7} - \frac{1}{7} =$	L. $\frac{3}{6} - \frac{1}{6} =$

### 3. Multiply. Simplify your answer.

$$\frac{1}{3} \times \frac{3}{7} =$$

### 4. Multiply. Simplify your answer and write it as a proper fraction or as a whole or mixed number.

$$1\frac{4}{5} \times \frac{2}{3} =$$

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5. Divide. Simplify your answer and write it as a proper fraction or as a whole or mixed number.

$$8\frac{3}{4} \div 3\frac{1}{2} =$$

6. Divide. Simplify your answer and write it as a proper fraction or as a whole or mixed number.

$$\frac{5}{6} \div \frac{1}{3} =$$

7. Find the value of  $n$  (Equivalent fractions).

A. $\frac{7}{3} = \frac{n}{15}$ $n = \underline{\hspace{2cm}}$	B. $\frac{8}{5} = \frac{48}{n}$ $n = \underline{\hspace{2cm}}$	C. $\frac{10}{4} = \frac{n}{16}$ $n = \underline{\hspace{2cm}}$	D. $\frac{6}{1} = \frac{30}{n}$ $n = \underline{\hspace{2cm}}$
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8. Stafford's zoo has two elephants. The male elephant weighs  $4\frac{2}{6}$  tons and the female elephant weighs  $1\frac{1}{6}$  tons. How much more does the male weigh than the female?

Simplify your answer and write it as a proper fraction or as a whole or mixed number.

9. Michael rode his bicycle  $1\frac{3}{10}$  kilometres from his house to the park. Then he rode 3 kilometres from the park to the library. How many kilometres did Michael ride in all?

Simplify your answer and write it as a proper fraction or as a whole or mixed number.

10. At the end of the night, a pizza place had  $\frac{1}{3}$  of a pizza left over. The 2 employees each took home the same amount of leftover pizza. How much pizza did each employee take home?

Simplify your answer and write it as a proper fraction or as a whole or mixed number.

11. At Maria's Vacation Wear,  $\frac{1}{2}$  of the garments are shorts and  $\frac{1}{10}$  are trunks. What fraction of the garments are either shorts or trunks?

Simplify your answer and write it as a proper fraction or as a whole or mixed number.