



# MULTIPLYING FRACTIONS BY AN INTEGER

## SHEET 1

To multiply a fraction by an integer, simply multiply the numerator by the integer. Remember also that  $\frac{1}{3} \times 5$  is the same as  $\frac{1}{3}$  of 5.



Example  $\frac{2}{5} \times 6 = \frac{2 \times 6}{5} = \frac{12}{5}$

Multiply these fractions, leaving your answer as an improper fraction where appropriate.

- 1)  $\frac{1}{3} \times 5 = \frac{\quad}{3}$       2)  $\frac{1}{5}$  of 7 =  $\frac{\quad}{5}$       3)  $8 \times \frac{1}{7} = \frac{\quad}{7}$
- 4)  $\frac{2}{3}$  of 4 =  $\frac{\quad}{3}$       5)  $\frac{1}{6} \times 11 = \frac{\quad}{6}$       6)  $\frac{3}{4} \times 3 = \frac{\quad}{4}$
- 7)  $2 \times \frac{4}{5} = \frac{\quad}{5}$       8)  $4 \times \frac{2}{9} = \frac{\quad}{9}$       9)  $9 \times \frac{1}{2} = \frac{\quad}{2}$
- 10)  $\frac{1}{8}$  of 15 =  $\frac{\quad}{8}$       11)  $\frac{2}{7} \times 6 = \frac{\quad}{7}$       12)  $8 \times \frac{3}{7} = \frac{\quad}{7}$
- 13)  $7 \times \frac{5}{6} = \frac{\quad}{6}$       14)  $6 \times \frac{4}{9} = \frac{\quad}{9}$       15)  $\frac{2}{7} \times 8 = \frac{\quad}{7}$
- 16)  $\frac{3}{8} \times 11 = \frac{\quad}{8}$       17)  $\frac{4}{7}$  of 9 =  $\frac{\quad}{7}$       18)  $11 \times \frac{5}{6} = \frac{\quad}{6}$
- 19)  $12 \times \frac{4}{5} = \frac{\quad}{5}$       20)  $\frac{2}{7} \times 16 = \frac{\quad}{7}$       21)  $24 \times \frac{1}{9} = \frac{\quad}{9}$
- 22)  $11 \times \frac{3}{10} = \frac{\quad}{10}$       23)  $\frac{7}{8} \times 9 = \frac{\quad}{8}$       24)  $13 \times \frac{4}{11} = \frac{\quad}{11}$



Name

Date



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## SHEET 1 ANSWERS

- 1)  $\frac{1}{3} \times 5 = \frac{5}{3}$     2)  $\frac{1}{5}$  of 7 =  $\frac{7}{5}$     3)  $8 \times \frac{1}{7} = \frac{8}{7}$
- 4)  $\frac{2}{3}$  of 4 =  $\frac{8}{3}$     5)  $\frac{1}{6} \times 11 = \frac{11}{6}$     6)  $\frac{3}{4} \times 3 = \frac{9}{4}$
- 7)  $2 \times \frac{4}{5} = \frac{8}{5}$     8)  $4 \times \frac{2}{9} = \frac{8}{9}$     9)  $9 \times \frac{1}{2} = \frac{9}{2}$
- 10)  $\frac{1}{8}$  of 15 =  $\frac{15}{8}$     11)  $\frac{2}{7} \times 6 = \frac{12}{7}$     12)  $8 \times \frac{3}{7} = \frac{24}{7}$
- 13)  $7 \times \frac{5}{6} = \frac{35}{6}$     14)  $6 \times \frac{4}{9} = \frac{24}{9}$     15)  $\frac{2}{7} \times 8 = \frac{16}{7}$
- 16)  $\frac{3}{8} \times 11 = \frac{33}{8}$     17)  $\frac{4}{7}$  of 9 =  $\frac{36}{7}$     18)  $11 \times \frac{5}{6} = \frac{55}{6}$
- 19)  $12 \times \frac{4}{5} = \frac{48}{5}$     20)  $\frac{2}{7} \times 16 = \frac{32}{7}$     21)  $24 \times \frac{1}{9} = \frac{24}{9}$
- 22)  $11 \times \frac{3}{10} = \frac{33}{10}$     23)  $\frac{7}{8} \times 9 = \frac{63}{8}$     24)  $13 \times \frac{4}{11} = \frac{52}{11}$