



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



MULTIPLYING FRACTIONS BY AN INTEGER

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) $13 \times \frac{4}{11} = \frac{52}{11}$

