Multiply Fractions by Whole Numbers (A)

Multiply and reduce each product if necessary.

$$\frac{1}{3} \times 9 =$$

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

$$3 \times \frac{11}{12} =$$

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

$$\frac{14}{15} \times 3 =$$

$$8 \times \frac{2}{13} =$$

$$\frac{12}{13} \times 8 =$$

$$\frac{4}{8} \times 5 =$$

$$5 \times \frac{3}{12} =$$

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

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

$$4 \times \frac{5}{9} =$$

Multiply Fractions by Whole Numbers (A) Answers

Multiply and reduce each product if necessary.

$\dfrac{1}{3} \times 9 = \dfrac{9}{3} = 3$ $4 \times \dfrac{1}{2} = \dfrac{4}{2} = 2$

$3 \times \dfrac{11}{12} = \dfrac{33}{12} = 2\dfrac{3}{4}$ $\dfrac{5}{12} \times 2 = \dfrac{10}{12} = \dfrac{5}{6}$

$\dfrac{14}{15} \times 3 = \dfrac{42}{15} = 2\dfrac{4}{5}$ $8 \times \dfrac{2}{13} = \dfrac{16}{13} = 1\dfrac{3}{13}$

$\dfrac{12}{13} \times 8 = \dfrac{96}{13} = 7\dfrac{5}{13}$ $\dfrac{4}{8} \times 5 = \dfrac{20}{8} = 2\dfrac{1}{2}$

$5 \times \dfrac{3}{12} = \dfrac{15}{12} = 1\dfrac{1}{4}$ $\dfrac{2}{3} \times 5 = \dfrac{10}{3} = 3\dfrac{1}{3}$

$3 \times \dfrac{3}{7} = \dfrac{9}{7} = 1\dfrac{2}{7}$ $4 \times \dfrac{5}{9} = \dfrac{20}{9} = 2\dfrac{2}{9}$

Multiply Fractions by Whole Numbers (B)

Multiply and reduce each product if necessary.

$\dfrac{4}{15} \times 7 =$

$\dfrac{13}{14} \times 3 =$

$\dfrac{2}{8} \times 2 =$

$6 \times \dfrac{8}{15} =$

$\dfrac{3}{12} \times 7 =$

$7 \times \dfrac{10}{12} =$

$\dfrac{1}{2} \times 5 =$

$\dfrac{7}{8} \times 9 =$

$\dfrac{8}{14} \times 4 =$

$6 \times \dfrac{2}{13} =$

$\dfrac{10}{15} \times 2 =$

$7 \times \dfrac{2}{9} =$

Multiply Fractions by Whole Numbers (B) Answers

Multiply and reduce each product if necessary.

$$\frac{4}{15} \times 7 = \frac{28}{15} = 1\frac{13}{15} \qquad \frac{13}{14} \times 3 = \frac{39}{14} = 2\frac{11}{14}$$

$$\frac{2}{8} \times 2 = \frac{4}{8} = \frac{1}{2} \qquad 6 \times \frac{8}{15} = \frac{48}{15} = 3\frac{1}{5}$$

$$\frac{3}{12} \times 7 = \frac{21}{12} = 1\frac{3}{4} \qquad 7 \times \frac{10}{12} = \frac{70}{12} = 5\frac{5}{6}$$

$$\frac{1}{2} \times 5 = \frac{5}{2} = 2\frac{1}{2} \qquad \frac{7}{8} \times 9 = \frac{63}{8} = 7\frac{7}{8}$$

$$\frac{8}{14} \times 4 = \frac{32}{14} = 2\frac{2}{7} \qquad 6 \times \frac{2}{13} = \frac{12}{13} = \frac{12}{13}$$

$$\frac{10}{15} \times 2 = \frac{20}{15} = 1\frac{1}{3} \qquad 7 \times \frac{2}{9} = \frac{14}{9} = 1\frac{5}{9}$$

Multiply Fractions by Whole Numbers (C)

Multiply and reduce each product if necessary.

$\dfrac{12}{14} \times 4 =$

$\dfrac{11}{12} \times 7 =$

$4 \times \dfrac{3}{5} =$

$6 \times \dfrac{4}{12} =$

$\dfrac{8}{9} \times 4 =$

$\dfrac{5}{7} \times 2 =$

$2 \times \dfrac{8}{12} =$

$\dfrac{2}{9} \times 8 =$

$\dfrac{3}{10} \times 7 =$

$\dfrac{1}{3} \times 4 =$

$\dfrac{6}{7} \times 9 =$

$\dfrac{6}{11} \times 8 =$

Multiply Fractions by Whole Numbers (C) Answers

Multiply and reduce each product if necessary.

$\dfrac{12}{14} \times 4 = \dfrac{48}{14} = 3\,\dfrac{3}{7}$ $\dfrac{11}{12} \times 7 = \dfrac{77}{12} = 6\,\dfrac{5}{12}$

$4 \times \dfrac{3}{5} = \dfrac{12}{5} = 2\,\dfrac{2}{5}$ $6 \times \dfrac{4}{12} = \dfrac{24}{12} = 2$

$\dfrac{8}{9} \times 4 = \dfrac{32}{9} = 3\,\dfrac{5}{9}$ $\dfrac{5}{7} \times 2 = \dfrac{10}{7} = 1\,\dfrac{3}{7}$

$2 \times \dfrac{8}{12} = \dfrac{16}{12} = 1\,\dfrac{1}{3}$ $\dfrac{2}{9} \times 8 = \dfrac{16}{9} = 1\,\dfrac{7}{9}$

$\dfrac{3}{10} \times 7 = \dfrac{21}{10} = 2\,\dfrac{1}{10}$ $\dfrac{1}{3} \times 4 = \dfrac{4}{3} = 1\,\dfrac{1}{3}$

$\dfrac{6}{7} \times 9 = \dfrac{54}{7} = 7\,\dfrac{5}{7}$ $\dfrac{6}{11} \times 8 = \dfrac{48}{11} = 4\,\dfrac{4}{11}$

Multiply Fractions by Whole Numbers (D)

Multiply and reduce each product if necessary.

$9 \times \dfrac{2}{13} =$

$2 \times \dfrac{4}{9} =$

$6 \times \dfrac{1}{2} =$

$2 \times \dfrac{5}{6} =$

$6 \times \dfrac{3}{4} =$

$\dfrac{2}{3} \times 4 =$

$\dfrac{1}{9} \times 8 =$

$\dfrac{1}{6} \times 8 =$

$3 \times \dfrac{4}{14} =$

$3 \times \dfrac{3}{4} =$

$\dfrac{2}{7} \times 4 =$

$9 \times \dfrac{10}{12} =$

Multiply Fractions by Whole Numbers (D) Answers

Multiply and reduce each product if necessary.

$9 \times \dfrac{2}{13} = \dfrac{18}{13} = 1\dfrac{5}{13}$ $\qquad$ $2 \times \dfrac{4}{9} = \dfrac{8}{9} = \dfrac{8}{9}$

$6 \times \dfrac{1}{2} = \dfrac{6}{2} = 3$ $\qquad$ $2 \times \dfrac{5}{6} = \dfrac{10}{6} = 1\dfrac{2}{3}$

$6 \times \dfrac{3}{4} = \dfrac{18}{4} = 4\dfrac{1}{2}$ $\qquad$ $\dfrac{2}{3} \times 4 = \dfrac{8}{3} = 2\dfrac{2}{3}$

$\dfrac{1}{9} \times 8 = \dfrac{8}{9} = \dfrac{8}{9}$ $\qquad$ $\dfrac{1}{6} \times 8 = \dfrac{8}{6} = 1\dfrac{1}{3}$

$3 \times \dfrac{4}{14} = \dfrac{12}{14} = \dfrac{6}{7}$ $\qquad$ $3 \times \dfrac{3}{4} = \dfrac{9}{4} = 2\dfrac{1}{4}$

$\dfrac{2}{7} \times 4 = \dfrac{8}{7} = 1\dfrac{1}{7}$ $\qquad$ $9 \times \dfrac{10}{12} = \dfrac{90}{12} = 7\dfrac{1}{2}$

Multiply Fractions by Whole Numbers (E)

Multiply and reduce each product if necessary.

$4 \times \dfrac{2}{9} =$

$\dfrac{12}{14} \times 2 =$

$\dfrac{1}{4} \times 3 =$

$\dfrac{9}{13} \times 5 =$

$9 \times \dfrac{3}{6} =$

$8 \times \dfrac{8}{11} =$

$3 \times \dfrac{10}{11} =$

$5 \times \dfrac{2}{8} =$

$\dfrac{1}{2} \times 3 =$

$7 \times \dfrac{3}{4} =$

$5 \times \dfrac{6}{15} =$

$2 \times \dfrac{2}{3} =$

Multiply Fractions by Whole Numbers (E) Answers

Multiply and reduce each product if necessary.

$$4 \times \frac{2}{9} = \frac{8}{9} = \frac{8}{9} \qquad \frac{12}{14} \times 2 = \frac{24}{14} = 1\frac{5}{7}$$

$$\frac{1}{4} \times 3 = \frac{3}{4} = \frac{3}{4} \qquad \frac{9}{13} \times 5 = \frac{45}{13} = 3\frac{6}{13}$$

$$9 \times \frac{3}{6} = \frac{27}{6} = 4\frac{1}{2} \qquad 8 \times \frac{8}{11} = \frac{64}{11} = 5\frac{9}{11}$$

$$3 \times \frac{10}{11} = \frac{30}{11} = 2\frac{8}{11} \qquad 5 \times \frac{2}{8} = \frac{10}{8} = 1\frac{1}{4}$$

$$\frac{1}{2} \times 3 = \frac{3}{2} = 1\frac{1}{2} \qquad 7 \times \frac{3}{4} = \frac{21}{4} = 5\frac{1}{4}$$

$$5 \times \frac{6}{15} = \frac{30}{15} = 2 \qquad 2 \times \frac{2}{3} = \frac{4}{3} = 1\frac{1}{3}$$

Multiply Fractions by Whole Numbers (F)

Multiply and reduce each product if necessary.

$\dfrac{13}{14} \times 6 =$

$5 \times \dfrac{3}{11} =$

$\dfrac{2}{13} \times 8 =$

$\dfrac{1}{2} \times 9 =$

$\dfrac{2}{11} \times 2 =$

$7 \times \dfrac{1}{4} =$

$\dfrac{12}{13} \times 7 =$

$\dfrac{8}{10} \times 8 =$

$\dfrac{2}{5} \times 8 =$

$\dfrac{1}{2} \times 5 =$

$\dfrac{1}{9} \times 8 =$

$\dfrac{5}{8} \times 7 =$

Multiply Fractions by Whole Numbers (F) Answers

Multiply and reduce each product if necessary.

$$\frac{13}{14} \times 6 = \frac{78}{14} = 5\frac{4}{7} \qquad 5 \times \frac{3}{11} = \frac{15}{11} = 1\frac{4}{11}$$

$$\frac{2}{13} \times 8 = \frac{16}{13} = 1\frac{3}{13} \qquad \frac{1}{2} \times 9 = \frac{9}{2} = 4\frac{1}{2}$$

$$\frac{2}{11} \times 2 = \frac{4}{11} = \frac{4}{11} \qquad 7 \times \frac{1}{4} = \frac{7}{4} = 1\frac{3}{4}$$

$$\frac{12}{13} \times 7 = \frac{84}{13} = 6\frac{6}{13} \qquad \frac{8}{10} \times 8 = \frac{64}{10} = 6\frac{2}{5}$$

$$\frac{2}{5} \times 8 = \frac{16}{5} = 3\frac{1}{5} \qquad \frac{1}{2} \times 5 = \frac{5}{2} = 2\frac{1}{2}$$

$$\frac{1}{9} \times 8 = \frac{8}{9} = \frac{8}{9} \qquad \frac{5}{8} \times 7 = \frac{35}{8} = 4\frac{3}{8}$$

Multiply Fractions by Whole Numbers (G)

Multiply and reduce each product if necessary.

$\dfrac{2}{7} \times 7 =$

$\dfrac{7}{10} \times 4 =$

$6 \times \dfrac{8}{9} =$

$9 \times \dfrac{7}{8} =$

$\dfrac{1}{6} \times 4 =$

$6 \times \dfrac{6}{8} =$

$4 \times \dfrac{3}{4} =$

$\dfrac{3}{9} \times 3 =$

$6 \times \dfrac{2}{12} =$

$6 \times \dfrac{6}{8} =$

$\dfrac{2}{3} \times 6 =$

$\dfrac{5}{15} \times 2 =$

Multiply Fractions by Whole Numbers (G) Answers

Multiply and reduce each product if necessary.

$$\frac{2}{7} \times 7 = \frac{14}{7} = 2 \qquad\qquad \frac{7}{10} \times 4 = \frac{28}{10} = 2\frac{4}{5}$$

$$6 \times \frac{8}{9} = \frac{48}{9} = 5\frac{1}{3} \qquad\qquad 9 \times \frac{7}{8} = \frac{63}{8} = 7\frac{7}{8}$$

$$\frac{1}{6} \times 4 = \frac{4}{6} = \frac{2}{3} \qquad\qquad 6 \times \frac{6}{8} = \frac{36}{8} = 4\frac{1}{2}$$

$$4 \times \frac{3}{4} = \frac{12}{4} = 3 \qquad\qquad \frac{3}{9} \times 3 = \frac{9}{9} = 1$$

$$6 \times \frac{2}{12} = \frac{12}{12} = 1 \qquad\qquad 6 \times \frac{6}{8} = \frac{36}{8} = 4\frac{1}{2}$$

$$\frac{2}{3} \times 6 = \frac{12}{3} = 4 \qquad\qquad \frac{5}{15} \times 2 = \frac{10}{15} = \frac{2}{3}$$

Multiply Fractions by Whole Numbers (H)

Multiply and reduce each product if necessary.

$$\frac{7}{9} \times 6 =$$

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

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

$$8 \times \frac{7}{11} =$$

$$\frac{1}{7} \times 5 =$$

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

$$\frac{8}{11} \times 4 =$$

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

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

$$\frac{9}{10} \times 9 =$$

$$8 \times \frac{1}{2} =$$

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

Multiply Fractions by Whole Numbers (H) Answers

Multiply and reduce each product if necessary.

$$\frac{7}{9} \times 6 = \frac{42}{9} = 4\frac{2}{3} \qquad\qquad 2 \times \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$$

$$\frac{1}{3} \times 4 = \frac{4}{3} = 1\frac{1}{3} \qquad\qquad 8 \times \frac{7}{11} = \frac{56}{11} = 5\frac{1}{11}$$

$$\frac{1}{7} \times 5 = \frac{5}{7} = \frac{5}{7} \qquad\qquad \frac{1}{3} \times 5 = \frac{5}{3} = 1\frac{2}{3}$$

$$\frac{8}{11} \times 4 = \frac{32}{11} = 2\frac{10}{11} \qquad\qquad 6 \times \frac{2}{5} = \frac{12}{5} = 2\frac{2}{5}$$

$$\frac{1}{3} \times 4 = \frac{4}{3} = 1\frac{1}{3} \qquad\qquad \frac{9}{10} \times 9 = \frac{81}{10} = 8\frac{1}{10}$$

$$8 \times \frac{1}{2} = \frac{8}{2} = 4 \qquad\qquad \frac{1}{2} \times 5 = \frac{5}{2} = 2\frac{1}{2}$$

Multiply Fractions by Whole Numbers (I)

Multiply and reduce each product if necessary.

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

$\dfrac{2}{14} \times 6 =$

$\dfrac{7}{15} \times 6 =$

$\dfrac{6}{8} \times 6 =$

$6 \times \dfrac{6}{9} =$

$\dfrac{3}{14} \times 7 =$

$4 \times \dfrac{1}{9} =$

$7 \times \dfrac{2}{3} =$

$2 \times \dfrac{7}{8} =$

$\dfrac{5}{8} \times 4 =$

$\dfrac{8}{13} \times 8 =$

$7 \times \dfrac{6}{10} =$

Multiply Fractions by Whole Numbers (I) Answers

Multiply and reduce each product if necessary.

$7 \times \dfrac{1}{3} = \dfrac{7}{3} = 2\dfrac{1}{3}$

$\dfrac{2}{14} \times 6 = \dfrac{12}{14} = \dfrac{6}{7}$

$\dfrac{7}{15} \times 6 = \dfrac{42}{15} = 2\dfrac{4}{5}$

$\dfrac{6}{8} \times 6 = \dfrac{36}{8} = 4\dfrac{1}{2}$

$6 \times \dfrac{6}{9} = \dfrac{36}{9} = 4$

$\dfrac{3}{14} \times 7 = \dfrac{21}{14} = 1\dfrac{1}{2}$

$4 \times \dfrac{1}{9} = \dfrac{4}{9} = \dfrac{4}{9}$

$7 \times \dfrac{2}{3} = \dfrac{14}{3} = 4\dfrac{2}{3}$

$2 \times \dfrac{7}{8} = \dfrac{14}{8} = 1\dfrac{3}{4}$

$\dfrac{5}{8} \times 4 = \dfrac{20}{8} = 2\dfrac{1}{2}$

$\dfrac{8}{13} \times 8 = \dfrac{64}{13} = 4\dfrac{12}{13}$

$7 \times \dfrac{6}{10} = \dfrac{42}{10} = 4\dfrac{1}{5}$

Multiply Fractions by Whole Numbers (J)

Multiply and reduce each product if necessary.

$2 \times \dfrac{1}{6} =$

$\dfrac{1}{3} \times 3 =$

$\dfrac{9}{10} \times 8 =$

$\dfrac{2}{10} \times 7 =$

$\dfrac{2}{8} \times 6 =$

$\dfrac{5}{14} \times 4 =$

$7 \times \dfrac{8}{9} =$

$\dfrac{1}{12} \times 9 =$

$8 \times \dfrac{10}{11} =$

$2 \times \dfrac{2}{12} =$

$5 \times \dfrac{4}{6} =$

$\dfrac{3}{10} \times 3 =$

Multiply Fractions by Whole Numbers (J) Answers

Multiply and reduce each product if necessary.

$$2 \times \frac{1}{6} = \frac{2}{6} = \frac{1}{3} \qquad \frac{1}{3} \times 3 = \frac{3}{3} = 1$$

$$\frac{9}{10} \times 8 = \frac{72}{10} = 7\frac{1}{5} \qquad \frac{2}{10} \times 7 = \frac{14}{10} = 1\frac{2}{5}$$

$$\frac{2}{8} \times 6 = \frac{12}{8} = 1\frac{1}{2} \qquad \frac{5}{14} \times 4 = \frac{20}{14} = 1\frac{3}{7}$$

$$7 \times \frac{8}{9} = \frac{56}{9} = 6\frac{2}{9} \qquad \frac{1}{12} \times 9 = \frac{9}{12} = \frac{3}{4}$$

$$8 \times \frac{10}{11} = \frac{80}{11} = 7\frac{3}{11} \qquad 2 \times \frac{2}{12} = \frac{4}{12} = \frac{1}{3}$$

$$5 \times \frac{4}{6} = \frac{20}{6} = 3\frac{1}{3} \qquad \frac{3}{10} \times 3 = \frac{9}{10} = \frac{9}{10}$$