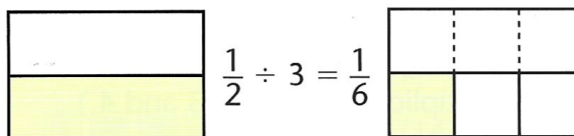


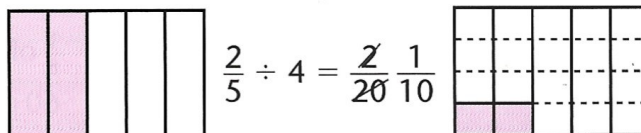
TARGET To divide fractions by whole numbers.

To divide a fraction by a whole number multiply the denominator by the divisor.

Examples $\frac{1}{2} \div 3 = \frac{1}{2 \times 3} = \frac{1}{6}$



$$\frac{2}{5} \div 4 = \frac{2^1}{5 \times 4^2} = \frac{1}{10}$$



A

Copy and complete.

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

2 $\frac{1}{4} \div 5 = \frac{1}{4 \times \square} = \frac{1}{\square}$

3 $\frac{1}{6} \div 2 = \frac{1}{\square \times \square} = \frac{1}{\square}$

4 $\frac{1}{3} \div 6 = \frac{\square}{\square \times \square} = \frac{\square}{\square}$

5 $\frac{3}{4} \div 4 = \frac{3}{4 \times 4} = \frac{3}{\square}$

6 $\frac{2}{5} \div 3 = \frac{2}{5 \times \square} = \frac{2}{\square}$

7 $\frac{3}{7} \div 2 = \frac{3}{\square \times \square} = \frac{3}{\square}$

8 $\frac{5}{6} \div 6 = \frac{\square}{\square \times \square} = \frac{\square}{\square}$

Work out

9 $\frac{1}{2} \div 8$ 13 $\frac{5}{8} \div 2$

10 $\frac{1}{5} \div 2$ 14 $\frac{2}{3} \div 5$

11 $\frac{1}{4} \div 3$ 15 $\frac{3}{5} \div 4$

12 $\frac{1}{10} \div 4$ 16 $\frac{4}{11} \div 3$

B

Simplify before multiplying.

1 $\frac{3}{4} \div 9 = \frac{3^1}{4 \times 9^3} = \frac{\square}{\square}$

2 $\frac{8}{9} \div 2 = \frac{8}{9 \times 2} = \frac{\square}{\square}$

3 $\frac{2}{3} \div 7 = \frac{\square}{\square \times 7} = \frac{\square}{\square}$

4 $\frac{9}{10} \div 12 = \frac{9}{\square \times \square} = \frac{\square}{\square}$

5 $\frac{3}{5} \div 5 = \frac{\square}{\square \times \square} = \frac{\square}{\square}$

6 $\frac{6}{7} \div 8 = \frac{\square}{\square \times \square} = \frac{\square}{\square}$

7 $\frac{2}{9} \div 4 = \frac{\square}{\square \times \square} = \frac{\square}{\square}$

8 $\frac{2}{3} \div 10 = \frac{\square}{\square \times \square} = \frac{\square}{\square}$

Work out

9 $\frac{5}{8} \div 11$ 13 $\frac{5}{6} \div 10$

10 $\frac{9}{10} \div 6$ 14 $\frac{3}{4} \div 7$

11 $\frac{6}{7} \div 9$ 15 $\frac{6}{11} \div 3$

12 $\frac{4}{5} \div 12$ 16 $\frac{4}{9} \div 8$

C

Change to an improper fraction and divide.

1 $5\frac{3}{5} \div 4$

2 $7\frac{1}{2} \div 5$

3 $2\frac{4}{7} \div 6$

4 $4\frac{3}{8} \div 7$

5 $2\frac{8}{11} \div 3$

6 $7\frac{1}{5} \div 12$

7 $3\frac{5}{9} \div 2$

8 $6\frac{2}{3} \div 8$

Work out the bracket and divide.

9 $(\frac{1}{5} + \frac{7}{10}) \div 3$

10 $(\frac{7}{9} - \frac{1}{3}) \div 2$

11 $(\frac{3}{4} \times \frac{1}{2}) \div 6$

12 $(4\frac{8}{9} \div 11) \div 8$

13 $(\frac{2}{3} + \frac{1}{12}) \div 9$

14 $(\frac{6}{7} - \frac{2}{5}) \div 4$

15 $(\frac{2}{3} \times \frac{9}{10}) \div 12$

16 $(2\frac{5}{8} \div 7) \div 3$