

Name

Date



DIVIDING BY WHOLE NUMBERS AND FRACTIONS 3

Work out these fraction divisions.

Give your answer as both an improper fraction and a mixed number (where appropriate).

1) $2 \div 3 \frac{1}{2} =$

2) $\frac{4}{9} \div 4 =$

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

4) $2 \frac{1}{4} \div 5 =$

5) $\frac{8}{3} \div 6 =$

6) $5 \div 2 \frac{1}{5} =$

7) $7 \div 1 \frac{3}{4} =$

8) $4 \frac{1}{2} \div 6 =$

9) $2 \frac{4}{5} \div 8 =$

10) $8 \div 2 \frac{2}{3} =$

11) $6 \div 1 \frac{4}{5} =$

12) $5 \frac{1}{4} \div 9 =$



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DIVIDING BY WHOLE NUMBERS BY FRACTIONS 3 ANSWERS

1) $2 \div 3 \frac{1}{2} = \frac{4}{7}$

2) $\frac{4}{9} \div 4 = \frac{4}{36} = \frac{1}{9}$

3) $8 \div 1 \frac{2}{3} = \frac{24}{5} = 4 \frac{4}{5}$

4) $2 \frac{1}{4} \div 5 = \frac{9}{20}$

5) $\frac{8}{3} \div 6 = \frac{8}{18} = \frac{4}{9}$

6) $5 \div 2 \frac{1}{5} = \frac{25}{11} = 2 \frac{3}{11}$

7) $7 \div 1 \frac{3}{4} = \frac{28}{7} = 4$

8) $4 \frac{1}{2} \div 6 = \frac{9}{12} = \frac{3}{4}$

9) $2 \frac{4}{5} \div 8 = \frac{14}{32} = \frac{7}{16}$

10) $8 \div 2 \frac{2}{3} = \frac{24}{8} = 3$

11) $6 \div 1 \frac{4}{5} = \frac{30}{9} = \frac{10}{3} = 3 \frac{1}{3}$

12) $5 \frac{1}{4} \div 9 = \frac{21}{36} = \frac{7}{12}$