

Name

Date



DIVIDING WHOLE NUMBERS BY UNIT FRACTIONS 2

Work out these fraction divisions by splitting up the rectangles into the required fractions.

The first one is done for you.

$$1) \quad 2 \div \frac{1}{4} = 8 \quad \begin{array}{|c|c|c|c|} \hline & & & \\ \hline \end{array} \quad \begin{array}{|c|c|c|c|} \hline & & & \\ \hline \end{array}$$

$$2) \quad 3 \div \frac{1}{3} = \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$3) \quad 4 \div \frac{1}{2} = \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$4) \quad 1 \div \frac{1}{5} = \quad \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$5) \quad 3 \div \frac{1}{4} = \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$6) \quad 4 \div \frac{1}{3} = \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$7) \quad 5 \div \frac{1}{2} = \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$8) \quad 6 \div \frac{1}{3} = \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \\ \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$9) \quad 5 \div \frac{1}{4} = \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array}$$

$$10) \quad 8 \div \frac{1}{3} = \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \\ \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array} \quad \begin{array}{|c|} \hline \\ \hline \end{array}$$

Can you spot a quick way to work out division of whole numbers by unit fractions?

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DIVIDING WHOLE NUMBERS BY UNIT FRACTIONS 2 ANSWERS

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

2) $3 \div \frac{1}{3} = 9$

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

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

5) $3 \div \frac{1}{4} = 12$

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

7) $5 \div \frac{1}{2} = 10$

8) $6 \div \frac{1}{3} = 18$

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

10) $8 \div \frac{1}{3} = 24$

Can you spot a quick way to work out division of whole numbers by unit fractions?

You could just multiply the whole number by the denominator of the fraction to get your answer.