

Mathematics

Fractions

Divide a proper fraction by an integer

Independent Task



Question 1

$$1) \frac{9}{10} \div 3$$

$$2) \frac{10}{12} \div 5$$

$$3) \frac{8}{11} \div 4$$

$$4) \frac{7}{8} \div 2$$



Question 2

Sally has forgotten to take her phone charger away for the weekend.

She has $\frac{4}{5}$ of her battery life remaining.

She has to make the battery last three days. How much of the battery can she use each day if she wants to use an equal amount each day?



Question 3

$$\frac{\begin{array}{c} \square \\ \square \end{array}}{\begin{array}{c} \square \\ \square \end{array}} \div 2 = \frac{3}{8}$$

$$\frac{\begin{array}{c} \square \\ \square \end{array}}{\begin{array}{c} \square \\ \square \end{array}} \div 3 = \frac{1}{9}$$



Question 4

A field is $\frac{2}{3}$ km long and $\frac{1}{9}$ km wide.

The area of the field is split into three equal parts.

What is the area (as a fraction) of each section?

*Hint: find the area of the field first.



Question 5

What is the value of the calculation below when $a = 3$ and $b = 9$?

$$\frac{a}{5} \div b$$

