

# KIRF: Multiply & divide integers by 10 & 100



Pupils should be able to multiply & divide integers by 10 & 100 quickly.

## Some example questions

$$700 \times 10 = 7000 \quad 45 \times 100 = 4500$$

$$92 \times 10 = 920 \quad 87 \times 100 = 8700$$

$$820 \div 10 = 82 \quad 600 \div 100 = 6$$

$$610 \div 10 = 61 \quad 1500 \div 100 = 15$$

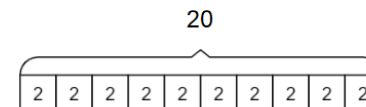
## What can this look like?

Concrete:



$$10 \times 3 = 30$$

Pictorial



$$2 \times 10 = 20$$

Abstract:

$$600 \times ? = 6000$$

$$820 \div ? = 82$$

$$43 \times ? = 4300$$

## Questions to ask at home

What is 50 multiplied by 10?

What is 100 times 24?

What is 700 divided by 100?

## Key vocabulary

7 multiplied by 100 is equal to 700

120 shared by 10 is equal to 12

500 divided by 100 equals 5

## Things to try

**Dice Game:** You'll need: Two dice (or use an online dice roller)

How to play:

1. Roll two dice to create a two-digit number (e.g., 4 and 6 = 46).
2. Take turns multiplying the number by 10 or 100.  
e.g. "46  $\times$  100 = 4600".

**Websites:**

<https://www.topmarks.co.uk/Flash.aspx?f=bingotimesordivide>