



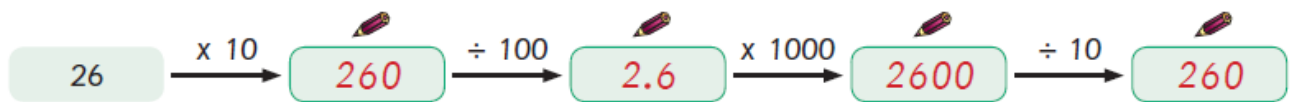
Be the best you can be, every day.

Year 6 - Autumn 1

I can derive \times and \div facts of smaller and larger multiples using place value and related facts.

Use knowledge of place value and all multiplication and division facts for the times tables up to 12×12 to derive \times and \div of smaller and larger multiples, e.g. $5 \times 7 = 35$, so $0.5 \times 7 = 3.5$ and $70 \times 50 = 3500$.

3 Try completing this chain:



a $10 \times 0.7 =$

b $100 \times 0.9 =$

c $10 \times 0.3 =$

d $100 \times 0.15 =$

e $1000 \times 0.27 =$

f $100 \times 0.45 =$

g $100 \times 0.255 =$

h $10 \times 0.555 =$

i $1000 \times 0.178 =$

Top Tips

The secret to success is practising **little** and **often**. Use time wisely.

- Practise **Key Facts** while walking to school or during a car journey.
- Have a fact of the day.
- It's really important that your child uses mathematical vocabulary accurately. If a number is $\times 10$ which way do the digits move?
- Make a set of cards which have numbers on them and then practise \times and \div by 10, 100, 1000 and saying where the digits move.
- Make up some calculations such as 5×7 and work out then go on to say the answer if you had 0.5×7 or 50×70 .