Multiply by 10

1 Use the base 10 to complete the calculations.

5×1 ten = [ ] tens
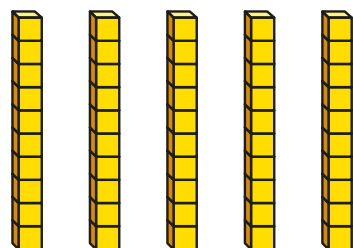
5×10 = [ ]

2 Work out the multiplications.

a) 2×10 = [ ]

b) 4×10 = [ ]

c) 10×8 = [ ]

d) 7×10 = [ ]

e) 10×6 = [ ]

f) [ ] = 3×10

3 Match the bar models to the multiplications.

| 10 | 10 | 10 | 10 | 10 |

| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
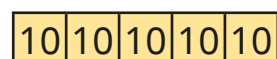
5×10
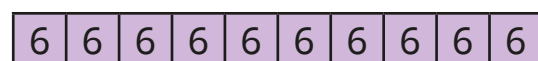
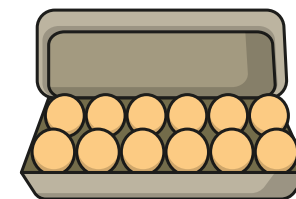10×9
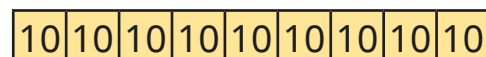
6×10

4 Tom has 10 boxes of eggs.

There are 12 eggs in each box.

How many eggs does he have altogether?

[ ]

5 Ron is representing 13×10 using place value counters in a place value chart.

H	T	O
	10	1 1 1
	10	1 1 1
	10	1 1 1
	10	1 1 1
	10	1 1 1
	10	1 1 1
	10	1 1 1
	10	1 1 1
	10	1 1 1
	10	1 1 1

a) How many ones are there? [ ]

How many tens is this the same as? [ ]

b) How many tens are there? [ ]

c) Complete the calculation.

13×10 = [ ] tens + [ ] tens = [ ]

6 Use counters on a place value chart to work out 23 × 10

23 × 10 = ⬚

7 Alex uses a place value chart to work out 35 × 10

H	T	O
	●● ●	●● ●● ●

↓ × 10

H	T	O
●● ●	●● ●● ●	

I have noticed something about multiplying by 10

35 × 10 = 350

a) What has Alex noticed?

b) Draw counters on the place value charts to show 21 × 10

H	T	O

↓ × 10

H	T	O

c) Complete the calculation.

21 × 10 = ⬚

8 Complete the calculations.

a) 45 × 10 = ⬚

e) 10 × ⬚ = 140

b) 36 × 10 = ⬚

f) ⬚ = 40 × 10

c) ⬚ = 10 × 78

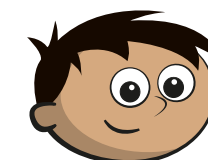**g)** 32 × 10 = 10 × ⬚

d) 31 × ⬚ = 310

h) 670 = 2 × 5 × ⬚

9 Eva walks 60 m to school.

Teddy walks 10 times as far as Eva to school.

How much further does Teddy walk than Eva?

⬚ m

10 Amir thinks of a 2-digit number.

He multiplies it by 10

My answer is between 755 and 795

Write all the numbers Amir could be thinking of.

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