Multiplying decimals

1

Work out 3.2 × 1.4

×	30	2
10		
4		

Estimate 3 × 1 = ☐

No points 32 × 14 = ☐

Decimal places 1 + 1 = ☐

Answer _____

2

Work out 2.6 × 3.3

×	20	6
30		
3		

Estimate ☐ × ☐ = ☐

No points ☐ × ☐ = ☐

Decimal places ☐ + ☐ = ☐

Answer _____

3

Work out 5.1 × 2.7

×		

Estimate ☐ × ☐ = ☐

No points ☐ × ☐ = ☐

Decimal places ☐ + ☐ = ☐

Answer _____

4

Work out 1.8 × 4.6

×		

Estimate _____

No points _____

Decimal places _____

Answer _____

5

A pack of batteries costs £4.35.
Work out the cost of 7 packs.

×			

Estimate _____

No points _____

Decimal places _____

Answer _____

6

Work out 0.07 × 0.6

Ones	Tenths	Hundredths	Thousandths
	•		

No points _____

Decimal places _____

Answer _____

7

Kian says 0.9 × 0.5 = 4.5.
Explain his mistake, then work out the right answer.

Answer _____

8

You are told that 34 × 26 = 884.
Use this to work out
a) 3.4 × 2.6 b) 0.34 × 2.6

Answer _____

Multiplying decimals *further practice*

9

Work out 6.3 × 0.4

Answer _____

10

Pens cost £1.29 each. Work out the cost of 8 pens.

Answer _____

11

Work out the area of this rectangle.



Answer _____

12

Find the missing number.

$0.6 \times \square = 0.42$

Answer _____

13

Which is bigger, 0.3 × 0.8 or 0.05 × 6?
Show how you know.

Answer _____

14

Ribbon costs £0.85 per metre.
Work out the cost of 3.2 m of ribbon.

Answer _____

15

Jack buys 3 sandwiches at £2.65 each.
He pays with a £10 note.
How much change does he get?

Answer _____

16

You are told that 52 × 18 = 936.
Lily says 5.2 × 1.8 = 93.6. Use an estimate to explain why she is wrong.
Write the right answer.

Answer _____