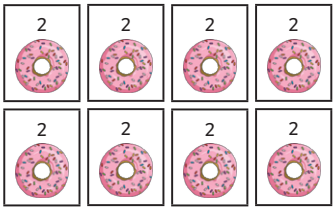
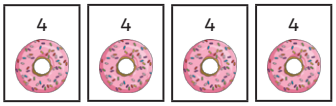
The 2, 4, and 8 Times-Tables

1) How many doughnuts are there? Complete the multiplication calculations.

a) 

□ × □ = □

b) 

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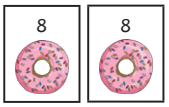
c) 

□ × □ = □

2)

a) Complete the multiplication calculations.

2 × 2 = ____ 2 × 4 = ____ 2 × 8 = ____

3 × 2 = ____ 3 × 4 = ____ 3 × 8 = ____

4 × 2 = ____ 4 × 4 = ____ 4 × 8 = ____

5 × 2 = ____ 5 × 4 = ____ 5 × 8 = ____

b) What is the pattern?

3) Complete the table.

×	2	4	8
2	4		16
	6		
6			
		36	

4) How many legs are there if there are...

a) ...7 children?

b) ...6 cats?

c) ...8 spiders?

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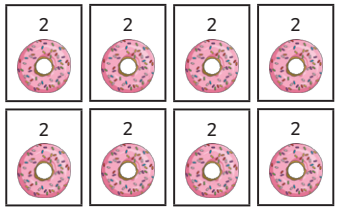
a) 

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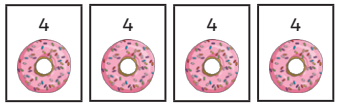
b) 

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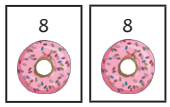
c) 

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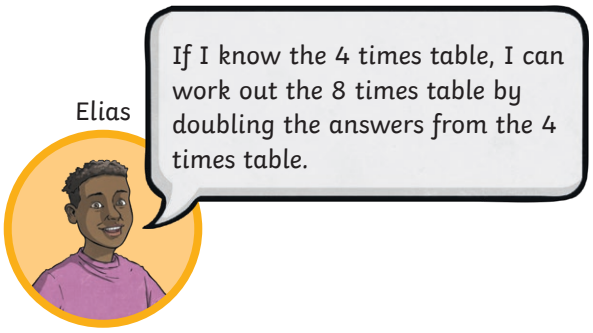
The 2, 4, and 8 Times-Tables

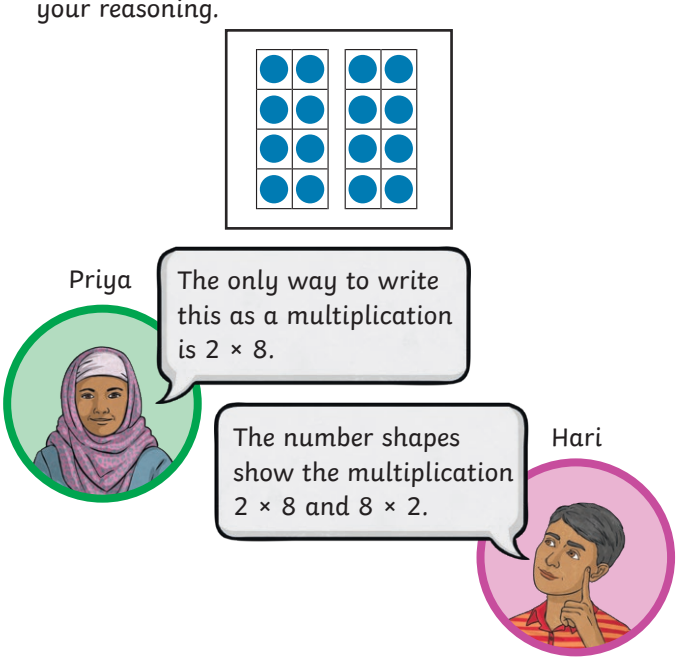
1) Is Elias's statement always, sometimes or never true? Prove it with examples.



2) Which number is the odd one out? Explain your reasoning.

10	4	8
2	16	9

3) Which of the children's statements is correct? Explain your reasoning.



4) What is the same and what is different about the calculations? Explain your reasoning.

a) 16 ÷ 2 ÷ 2

b) 16 ÷ 4

The 2, 4, and 8 Times-Tables

1) Is Elias's statement always, sometimes or never true? Prove it with examples.

Elias
If I know the 4 times table, I can work out the 8 times table by doubling the answers from the 4 times table.

2) Which number is the odd one out? Explain your reasoning.

10	4	8
2	16	9

3) Which of the children's statements is correct? Explain your reasoning.

Priya
The only way to write this as a multiplication is 2 × 8.
The number shapes show the multiplication 2 × 8 and 8 × 2.
Hari

4) What is the same and what is different about the calculations? Explain your reasoning.

a) 16 ÷ 2 ÷ 2

b) 16 ÷ 4

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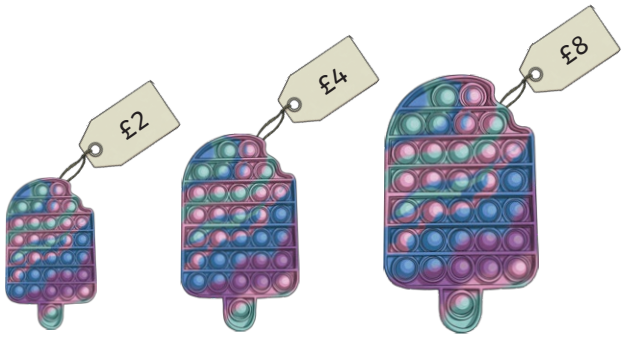
The 2, 4, and 8 Times-Tables

1) Poppit toys come in the sizes small, medium and large.

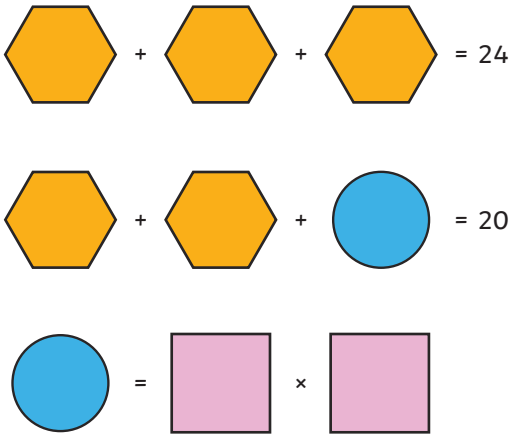


a) Priya buys four of each size. How much does she spend?

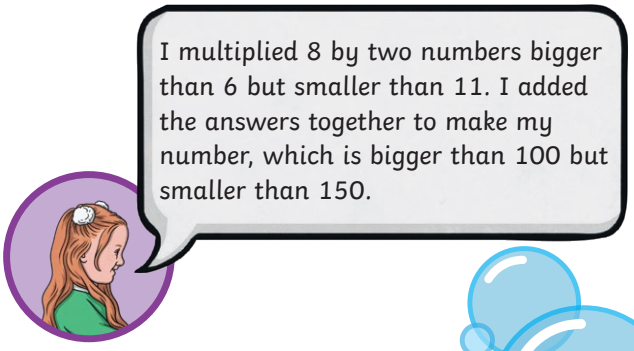
b) Bartek spends exactly £20. What could he have bought? Give four possible answers.

c) Felix spends £70. He buys the same amount of each size. How many of each type does he buy?

2) Work out the value of each shape.



3) Abi is thinking of a number in the 8 times table. Use her clues to work out what her number could be.



Find three possible answers.

The 2, 4, and 8 Times-Tables

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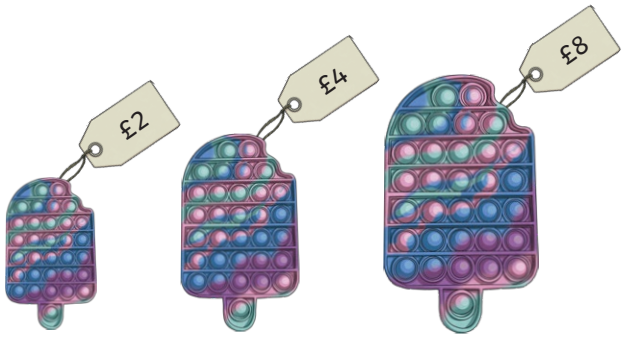

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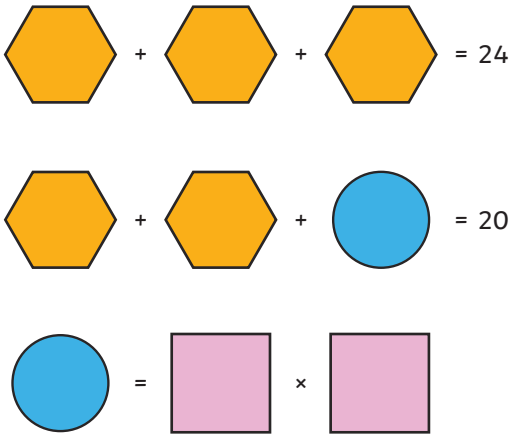

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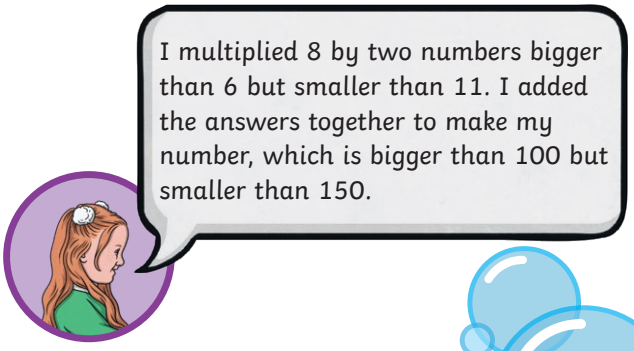

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