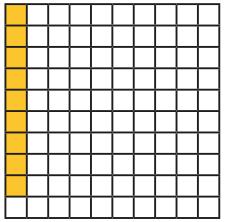
Understand percentages

1 Complete the sentence for each diagram.

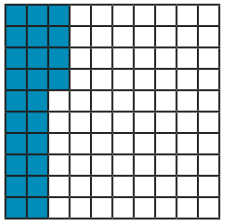
a)



There are ☐ parts out of a hundred shaded.

This is ☐ %.

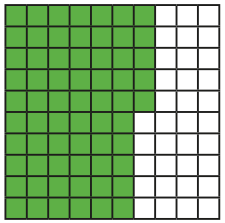
b)



There are ☐ parts out of a hundred shaded.

This is ☐ %.

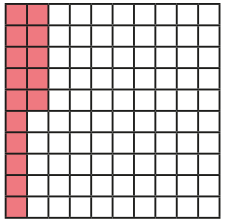
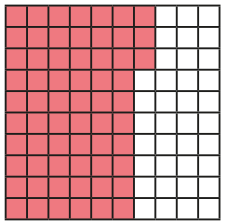
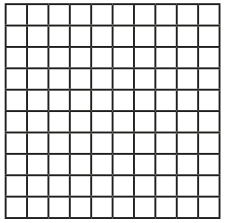
c)



There are ☐ parts out of a hundred shaded.

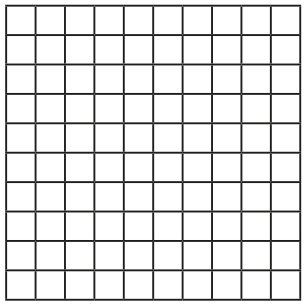
This is ☐ %.

2 Complete the table.

Hundred square	Percentage
	
	
	82%

3 Shade 15% of the hundred square red.

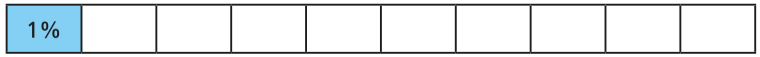
Shade 32% of the hundred square blue.



What percentage of the hundred square is **not** shaded? ☐ %

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4 **a)** Is 1% of this bar model shaded? _____

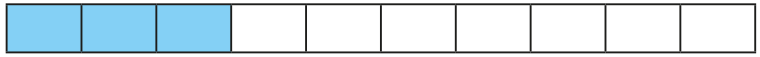


Explain your reasoning.

_____

_____

b) What percentage of each bar model is shaded?



☐ %



☐ %

5 Passengers are boarding a plane.

The plane has 100 seats.

a) 10% of the seats are already full.

How many passengers are already on the plane? ☐

b) 15% of the seats have not been booked.

How many seats have been booked? ☐

c) How many passengers still need to board the plane? ☐

6 Dexter has £1 to spend.

He buys some stickers.





What percentage of his money did Dexter spend?

☐ %

7 Aisha and Brett have been selling tickets for the school play.

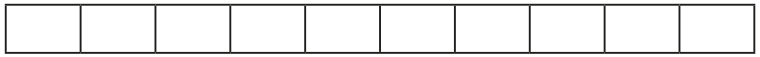
There are 100 seats available.

- On Monday they sold 34% of the tickets.
- On Tuesday they sold 42 tickets.
- By the end of Wednesday, 95% of the tickets had been sold.

How many tickets did they sell on Wednesday?

On Wednesday they sold ☐ tickets.

8 Shade 85% of this bar model.



Compare answers with a partner.

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