Monday 11th January

Maths

Lockdown	
Date	**11.01.21**
Subject/s	**Maths**
Learning Objective	To understand percentages

|			SA	TA
Success Criteria	I know percent means out of a hundred			
	I can show percentages in diagrams			
	I can begin to make links between fractions, decimals and percentages			
Support	Independent Adult Support ( ) Group Work			

Pre-task

Show 31% on this image
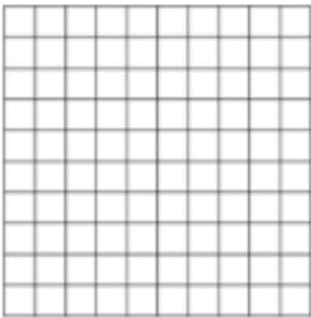
What percentage does the bar model show?

100%

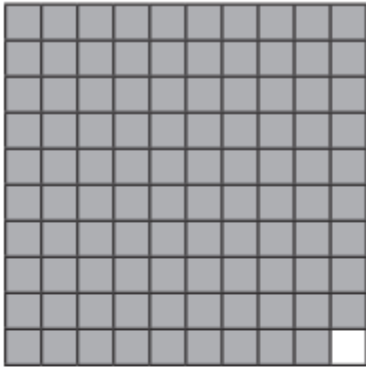Write the percentage represented by the following:
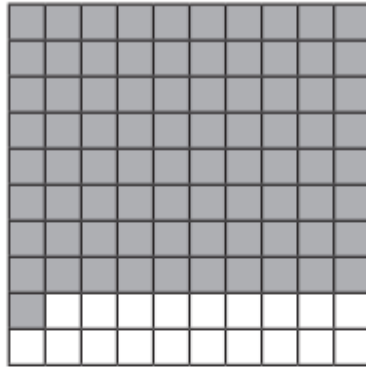

Show 29% on the grid below
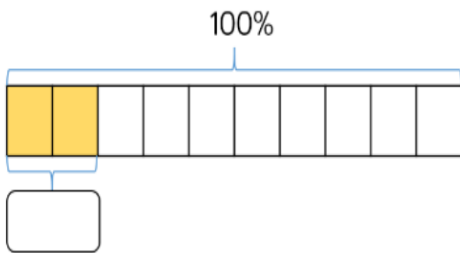
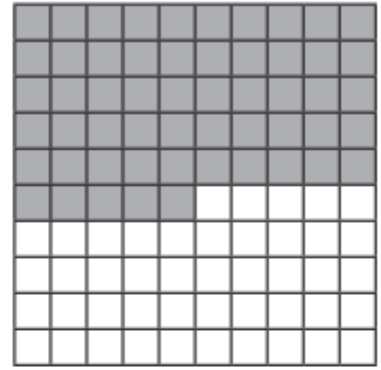# Fluency

Write the percentage represented in the grids below.
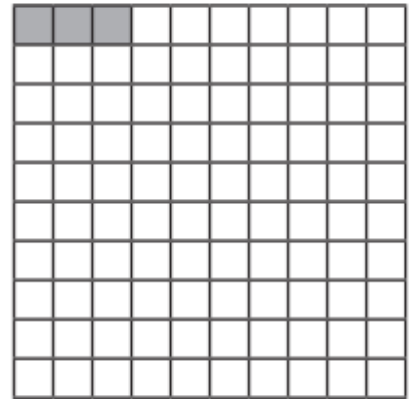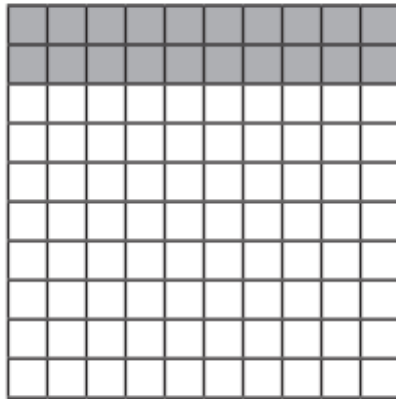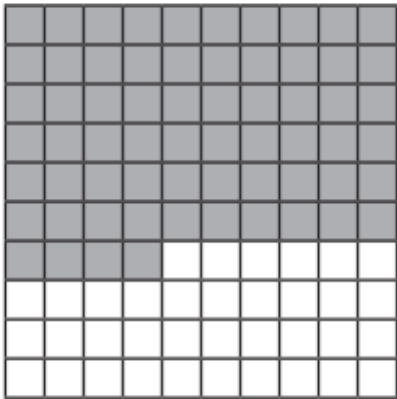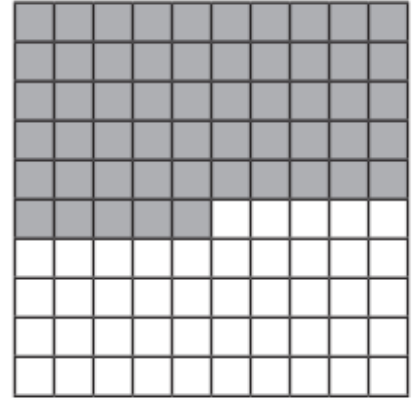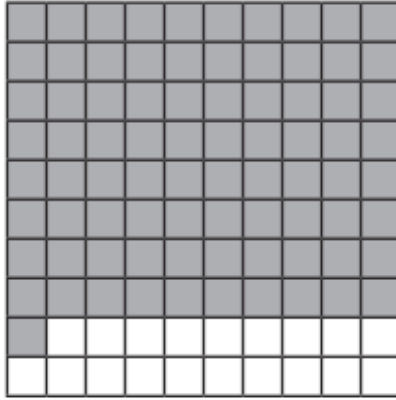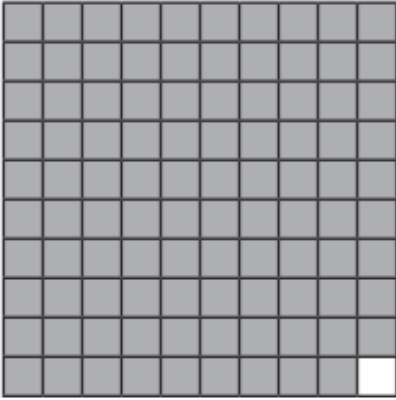
Answers

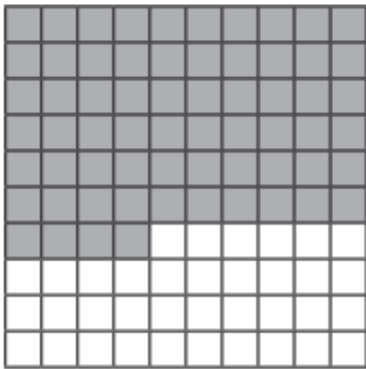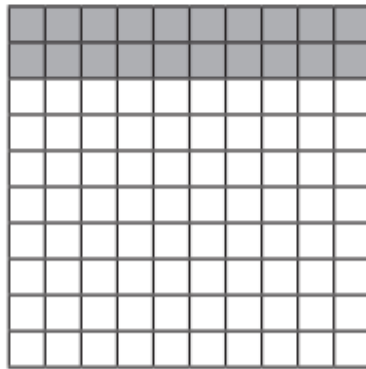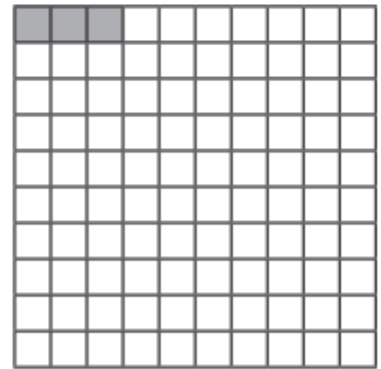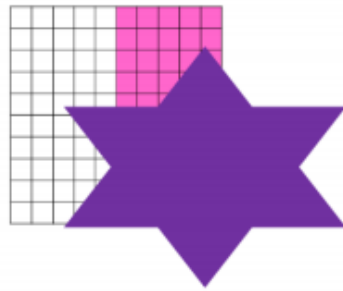

99%

81%

55%

64%

20%

3%

50%

10%

70%

20%

80%

50%

Explain it!

Here is a representation of a percentage.
Part of it has been covered by a star.

Rhys: There is less than 60%

There is less than 50% — Ellis

Evie: There is less than 30%

Explain why each child could be correct.

Use it!

Max, Isla and Ethan all did a test with 100 questions.

- Ethan got 6 less questions correct than Max.

Name	Score	Percentage
Max	56 out of 100	
Isla		65%
Ethan		

Can you complete the table?
How many more marks did each child need to get 100%?

Jenny and Gurpreet each have 100 sweets.
Jenny eats 65% of hers. Gurpreet has 35 sweets left.
Who has more sweets left?

Use it!

Jenny and Gurpreet each have 100 sweets.
Jenny eats 65% of hers. Gurpreet has 35 sweets left.
Who has more sweets left?

Rhys could be correct because you can clearly see 30% and 2 lots of 5%. Ellis could be correct because it looks like there is 50% hidden but it could be more as we do not know if all of the parts are shaded under the star. Evie could be correct because there might only be 25% shaded.

Name	Score	Percentage
Max	56 out of 100	56%
Isla	65 out of 100	65%
Ethan	50 out of 100	50%

Max needs 44 marks.

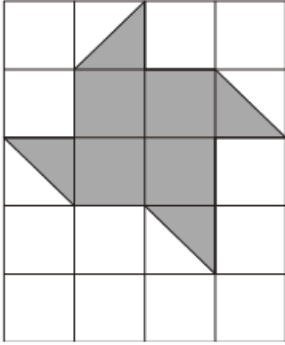Isla needs 35 marks

Ethan needs 50 marks

Neither. They have the same.

5. Here is a grid of 20 squares.

What percentage of the grid is shaded?

✏ ……………………………………%

6. Here is a pattern on a grid.

What percentage of the grid is shaded?

✏ ………………..……..%