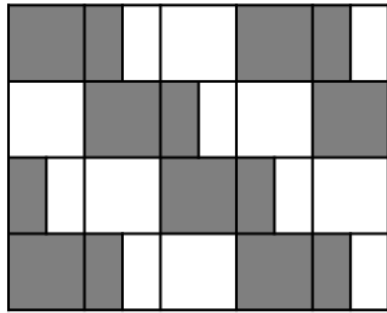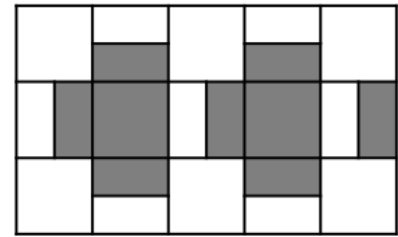**7a.** Chloe is making patterns using bricks.

She continues her pattern so it is 6 squares wide and 5 squares long.
What is the area of white bricks?
What is the area of grey bricks?

PS

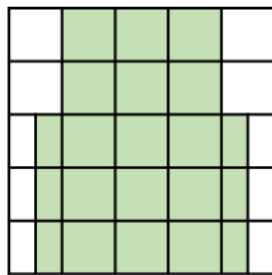**7b.** Jack is making patterns in his squared Maths book.

He continues his pattern so it is 7 squares wide and 6 squares long.
What is the area of white squares?
What is the area of grey squares?

PS

8a. Tim is trying to work out if he has enough fabric pieces to make this shape. He knows he has 4 pieces. Each piece covers 4 squares.
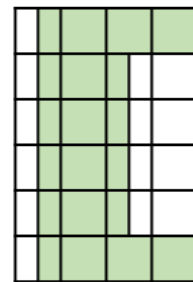

Does he have enough pieces?
Explain how you know.

R

8b. Jilly is trying to work out if she has enough turf to make this shape in her garden. She knows she has 6 turf tiles. Each tile covers 4 squares.

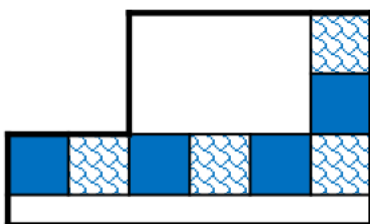Does she have enough turf?
Explain how you know.

R

9a. Charlie has started carpeting a room with two different carpet tiles.

To complete the pattern, I need 3 full plain and 3 full patterned tiles and 2 half plain and 2 half patterned tiles.
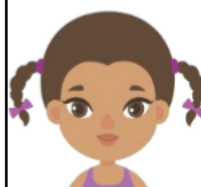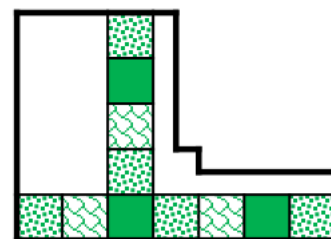

Is he correct? Explain your answer.

R

9b. Emma has started repairing a section of the swimming pool with tiles.

To complete the pattern, I will need the same number of all three tiles.

Is she correct? Explain your answer.

R