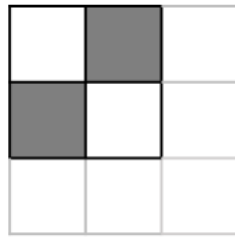**1a.** Katie is making patterns using PE mats in the hall.
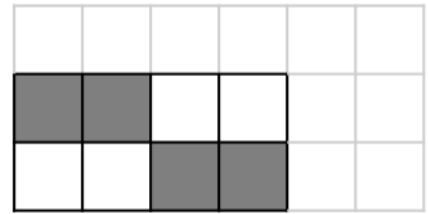
She continues her pattern so it is 3 squares wide and 3 squares long.
What is the area of white mats?
What is the area of grey mats?

D

PS

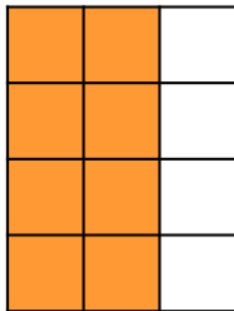**1b.** Jacob is making patterns using panels.

He continues his pattern so it is 6 squares wide and 3 squares long.
What is the area of white panels?
What is the area of grey panels?

D

PS

2a. Max is trying to work out if he has enough tiles to make this shape on his bathroom wall. He has 6 tiles.
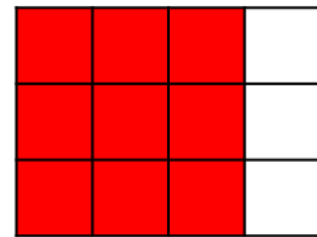
Does he have enough tiles?
Explain how you know.

D

R

2b. Amy is trying to work out if she has enough paving slabs to make this shape on her patio. She has 10 paving slabs.
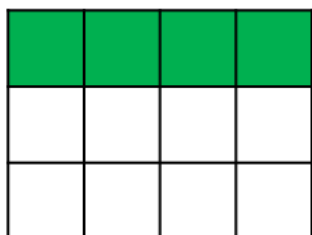
Does she have enough slabs?
Explain how you know.

D

R

3a. Aisha has started carpeting a room with carpet tiles.

To complete the shape, I will need 7 more carpet tiles.
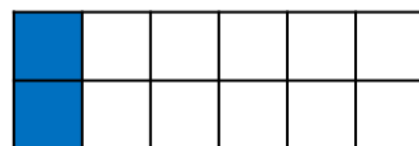
Is she correct? Explain your answer.

D

R

3b. Jenny has started turfing in her garden.

To complete the shape, I will need 12 more pieces of turf.

Is she correct? Explain your answer.

D

R