

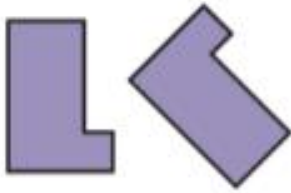
Orange

- 1) Read the statement below. Is it true or false? Explain your answer.

Area is the distance around the outside of a shape.



- 2) Sara says that these two shapes have the same area. Is she correct? Explain how you know.



- 3) Annabel and Emile are going to use different sized squares to measure the area of the top of the table. Annabel has a larger square and Emile has a smaller square.

Will they get the same answer or a different answer?

Explain your thinking.



4a. Aiden is choosing a carpet tile to use to cover the space below. He wants the tiles to cover the area completely.



Which tile should he use? Explain your answer.



R

4b. Amy is choosing which wall tile to use to cover the space below. She wants the tiles to cover the area completely.



Which tile should she use? Explain your answer.



R

5a. Keira has started making a 6-sided shape using squares. The surface of her shape will have an area of 15 squares.



reference square



Use the reference square to work out how many squares need adding, then find two ways to complete Keira's shape.



PS

5b. Joti has started making a 6-sided shape using squares. The surface of his shape will have an area of 10 squares.



reference square



Use the reference square to work out how many squares need adding, then find two ways to complete Joti's shape.



PS

6a. Which shape is the odd one out? Use the reference square to help you.

reference square



Explain your choice.



R

6b. Which shape is the odd one out? Use the reference square to help you.

reference square



Explain your choice.



R