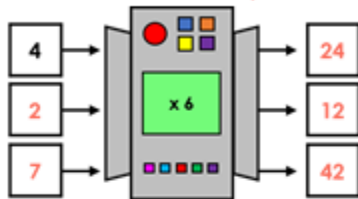


Shapes Same Area

1. 9 squares
2. The numbers that are not factors of 18 are: 4, 5, 7 and 8.
3. The shape is completed with 9 more squares to make a rectangle that is 5 cm by 3 cm.
4. Philip will have enough tiles left to make the shape. The area is 17 squares and he has 18 tiles to use.
5. Various answers, for example:



6. Mr Schofield is correct. The area needed to be covered is 54 m^2 and each tile is 2 m^2 , so he needs 27 tiles altogether.