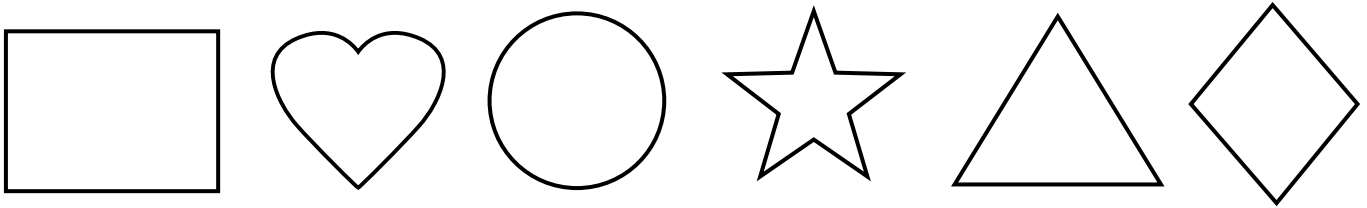


## Deepen Activities



- a) Which of the shapes below can you split into halves and quarters?

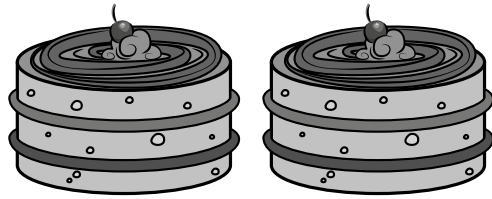


- b) Explain your thinking to your partner.



I remember that both halves in a shape must be the same size. Each quarter must be the same size too!

- 2 Flo wants to share 2 cakes between 4 people.

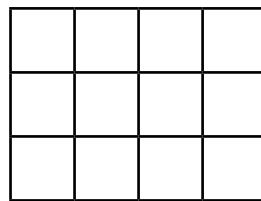
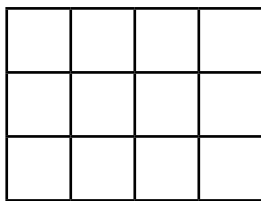
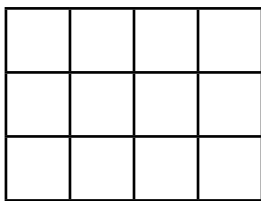
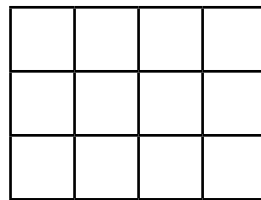
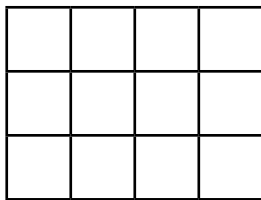
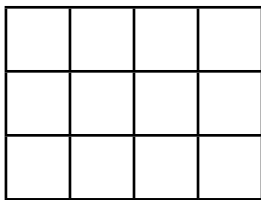


How much cake will each person get?



I'm going to find more than one way of sharing the cakes.

- 3 How many different ways can you shade a quarter of the grid?



I'm going to work out how many squares are in a quarter before I start.