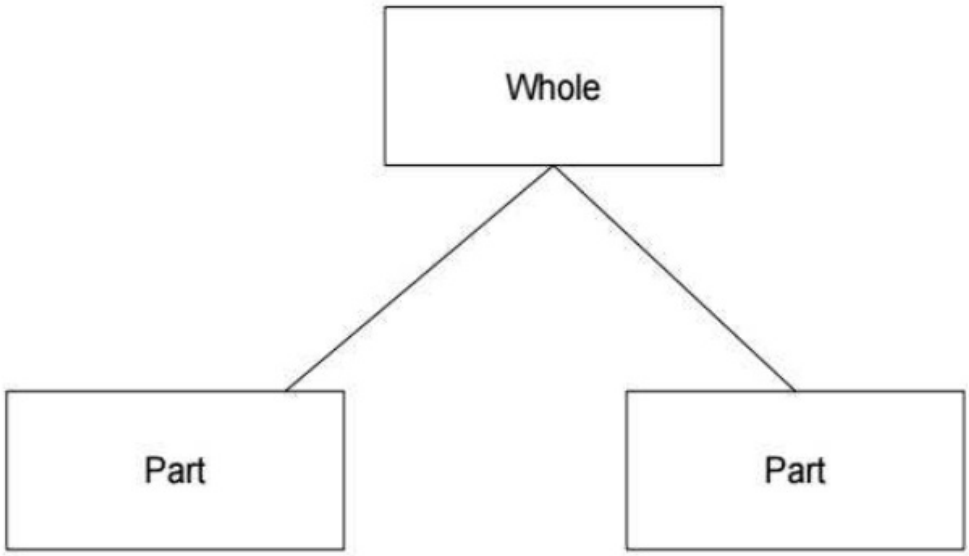
Use Objects, Shapes and Symbols for Unknown Numbers:



- To find the whole (the bigger number), we add the parts.
- To find the part we subtract the part from the whole (whole-part).

Q1) ○ represents the price of a football in dollars.

▭ represents the price of a chocolate bar in dollars.

▭ + ▭ + ▭ = $12

○ + ▭ = $20

What is the price of the football?

$ _____

Q3)  represents a number.

Calculate the value of 

.....

Q4) Oliver and Mike buy some items at the school fair.
This table shows the items they buy and the money they spend.

	Items they buy	Money they spend
Oliver		$8
Mike		$10

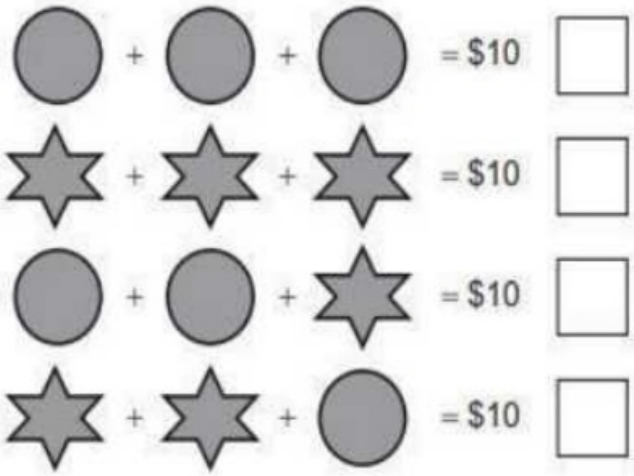
(a) How much does **one** ball cost?

$ .....

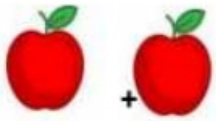
(b) The price of the car in dollars is represented by 

The price of the ball in dollars is represented by 

Tick (✓) the expression that shows how Mike spends his money.



Q5) The mass of 2 apples is 168 g.

 = 168 g

The mass of an orange is 50 g more than the apple.

 + 50 g = 

☐ represents the mass of an apple.

◯ represents the mass of an orange.

a) Fill in the blanks with the correct symbols.

_____ + _____ = 168 g

_____ + 50 g = _____

b) Work out the answers and fill in the blanks with the correct answers.

_____ + _____ = 168 g

_____ + 50 g = _____

c) The mass of the orange is _____