Q1. Each shape stands for a number.

← Total = 27

← Total = 30
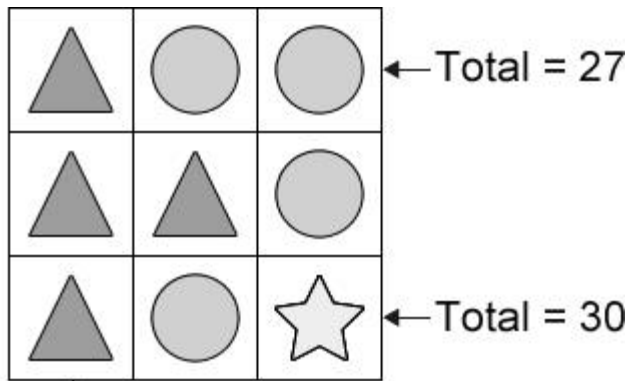
↑
Total = 45

Work out the **value** of each shape.

△ = ☐

◯ = ☐

☆ = ☐

Q2. Here is a rule for the time it takes to cook a chicken.

> **Cooking time = 20 minutes plus an extra**
>
> **40 minutes for each kilogram**

How many minutes will it take to cook a 3 kg chicken?

☐ minutes

What is the mass of a chicken that takes 100 minutes to cook?

☐ kg

Q3. Maria bakes cakes and sells them in bags.

She uses this formula to work out how much to charge
for one bag of cakes.

> **Cost = number of cakes × 20p + 15p for the bag**

How much will a bag of 12 cakes cost?

£

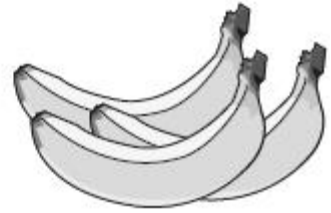Olivia buys a bag of cakes for £5.15

Use the formula to calculate how many cakes are in the bag.
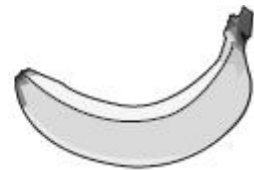
£

Q4. A shop sells fruit.

Chen buys 2 apples and 3 bananas.

He pays £2.35

Megan buys 2 apples and 1 banana.

She pays £1.25

How much does **one** banana cost?

£ _____

Q5. **n** stands for a number.

n + 7 = 13

What is the value of n + 10?

_____