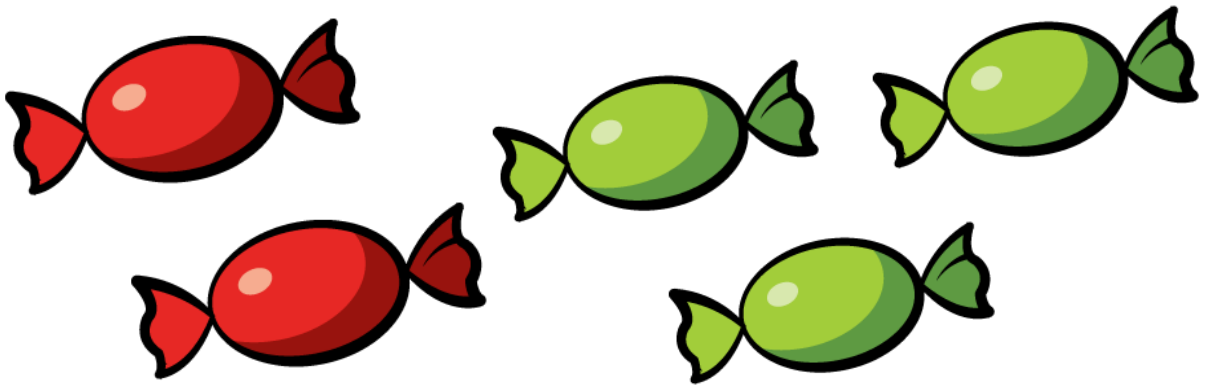Raj has a packet of sweets.

For every 2 strawberry sweets there are 3 lime ones.

There are 20 sweets in the packet.

How many of each sweet are there?

$20 ÷ 5 = 4$

$2 \times 4 = 8$

So there are 8 strawberry sweets.

$3 \times 4 = 12$

So there are 12 lime sweets.

Donna buys two bags of sweets.

In the first bag	**In the second bag**
For every one strawberry sweet there are two lime ones.	For every two strawberry sweets there are 3 lime ones.

Each packet contains 15 sweets.

Which packet contains more strawberry sweets?

Explain your answer.

15 ÷ 3 = 5

So there are 5 strawberry sweets in the first bag.

15 ÷ 5 = 3

2 x 3 = 6

So there are 6 strawberry sweets in the second bag.

The second bag contains more strawberry sweets.

Harry buys two bags of sweets.

In the first packet	**In the second packet**
For every three strawberry sweets there are five lime ones.	For every three strawberry sweets there is one lime one.

Each packet contains the same number of sweets.

In the second packet there are 12 strawberry sweets.

How many strawberry sweets are in the first packet?

12 ÷ 3 = 4

4 x 1 = 4 lime sweets in the second bag.

There are 16 sweets in each bag.

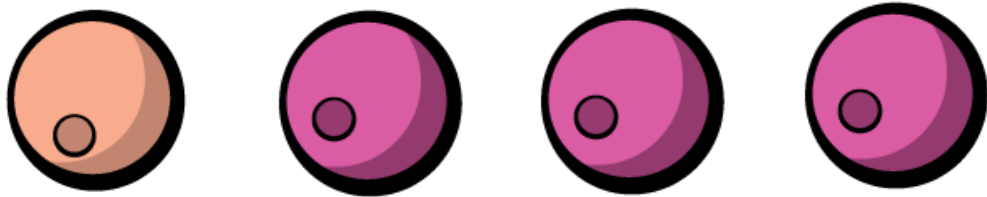16 ÷ 8 = 2

2 x 3 = 6 strawberry sweets.

There are 6 strawberry sweets in the first packet.

Danni is making bracelets to sell.

She adds beads to them.

She uses one pink bead for every three purple beads.

She makes a bracelet with 28 beads.

- The cost of the band for the beads is £2.75
- The cost of a pink bead is £1.05
- The cost of a purple bead is £1.60

How much does it cost to make the bracelet?

Show your method

28 ÷ 4 = 7

So she uses 7 pink beads and 21 purple beads.

7 x £1.05 = £7.35

21 x £1.60 = £33.60

£2.75 + £7.35 + £33.60 = £43.70

It costs £43.70 to make the bracelet.