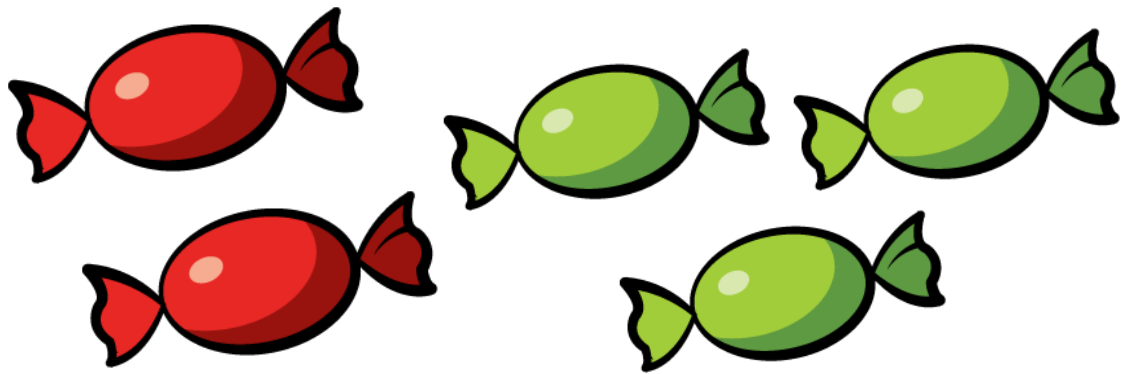


Ratio and proportion problems

1. 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?

2. Donna buys two bags of sweets.



In the first bag

For every one strawberry sweet there are two lime ones.



In the second bag

For every two strawberry sweets there are 3 lime ones.

Each packet contains 15 sweets.

Which packet contains more strawberry sweets?

Explain your answer.

3. Harry buys two bags of sweets.



In the first packet

For every three strawberry sweets there are five lime ones.

In the second packet

For every three strawberry sweets there is one lime one.

Each packet contains the same number of sweets.

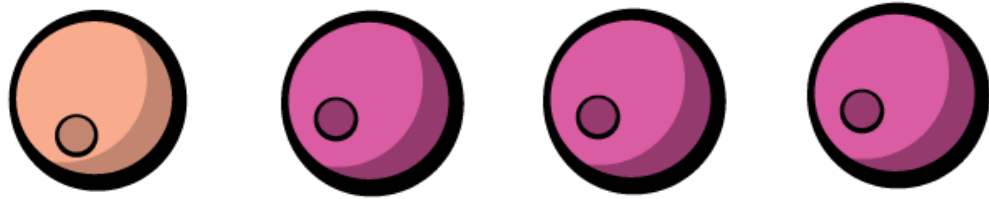
In the second packet there are 12 strawberry sweets.

How many strawberry sweets are in the first packet?

4. 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?