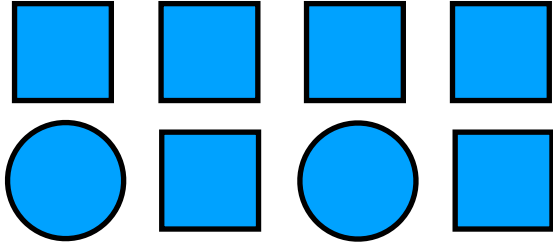


Try it!



1. Look at the shapes below and identify the statements that are true:



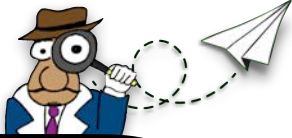
- There are 6 squares for every 2 circles.
 - The ratio of circles to squares is 6 : 2.
 - For every 1 circle, there are 3 squares.
 - The ratio of squares to circles is 3 : 1
2. Roman has 7 fewer sweets than Aisha. Together they have 37 sweets. How many sweets do they have each?

Apply it!



1. Calculate $257 \div 7$ and give the answer as a fraction.
2. £90 is shared out between some people. $\frac{1}{12}$ goes to Aisha, $\frac{1}{3}$ goes to Roman, the rest goes to Josh. How much does Josh get?
3. Roman and Josh share 45 sweets in the ratio 2:3. How many sweets do they each get?

Fly with it!



1. Aisha makes some Christmas decorations using links of paper. She uses a repeating pattern of 3 red links and 2 green links. Aisha has cut 27 red links of paper and 19 green links. Can she complete her decorations without having any paper links left over?
- Explain your answer.
2. A train is carrying 60 people. A child ticket costs £8 and an adult ticket costs £12. The total amount paid for tickets is £584.
- How many adults were on the train?
How many children?