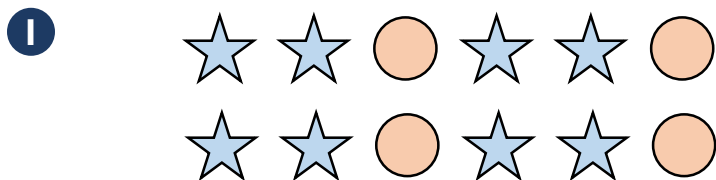


Name _____



Are the statements true or false?

Tick your answer.

	True	False
For every 4 stars, there are 2 circles	<input type="checkbox"/>	<input type="checkbox"/>
The ratio of circles to stars is 2 : 1	<input type="checkbox"/>	<input type="checkbox"/>
There are twice as many stars as circles	<input type="checkbox"/>	<input type="checkbox"/>
$\frac{1}{3}$ of the shapes are circles	<input type="checkbox"/>	<input type="checkbox"/>

3 marks

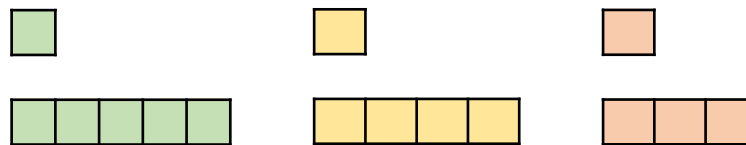
2 Write each ratio in its simplest form.

6 : 9

16 : 36

2 marks

3 Tick the diagram that represents the ratio 1 : 4



1 mark

4 Amina and Sara have £320 between them. They share the money in the ratio 5 : 3

How much money does Amina receive?

£ _____

2 marks

5 Tick the ratios that are equivalent.

2 : 5

5 : 2

6 : 15

12 : 15

2x : 5x

2 marks

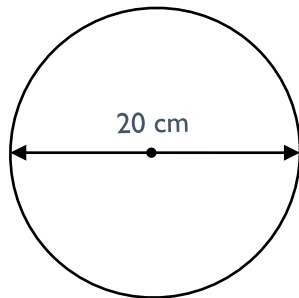
- 6 Jack is paid £1800 a month.
He spends half his money on rent.
He spends the rest on food, bills and savings in the ratio 4 : 3 : 2

How much does he spend on bills?

£ _____

3 marks

- 7 Calculate the circumference of the circle.
Use $\pi = 3.14$



_____ cm

2 marks

- 8 The ratio of boys to girls in a group is 5 : 3
There are 80 more boys than girls.
Work out how many girls are there?

2 marks

- 9 Write the ratio in the form $1 : n$

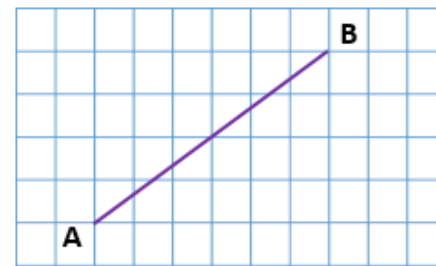
H

4 : 5

1 mark

- 10 Find the gradient of the line segment AB

H



2 marks

Total marks