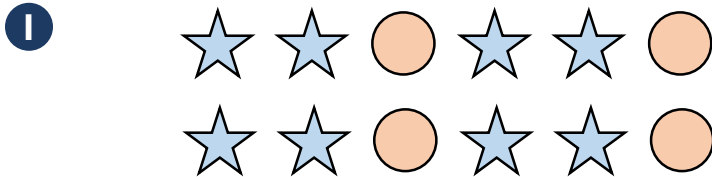


Name _____



Are the statements true or false?
Tick your answer.

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

3 marks

2 Write each ratio in its simplest form.

6 : 9

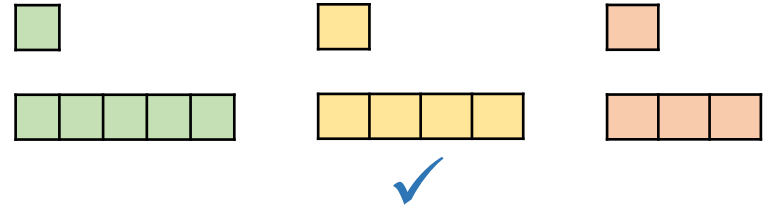
2 : 3

16 : 36

4 : 9

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?

£ 200

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

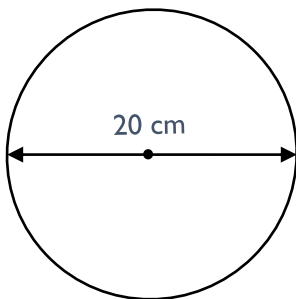
How much does he spend on bills?

£ 300



3 marks

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



62.8 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?

120



2 marks

- 9 Write the ratio in the form 1 : n

H

4 : 5

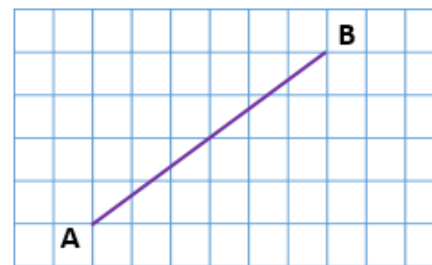
1 : 1.25



1 mark

- 10 Find the gradient of the line segment AB

H



$\frac{2}{3}$



2 marks

Total marks

