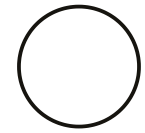
6.1 Shape and Simple Fractions: Test Pack

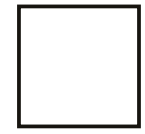
STA NC-KS1-MATHS-STA · Calculators not allowed · about 30 minutes

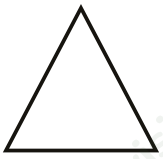
Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Draw a line from each shape to its correct name.









- triangle
- circle
- square

(3)

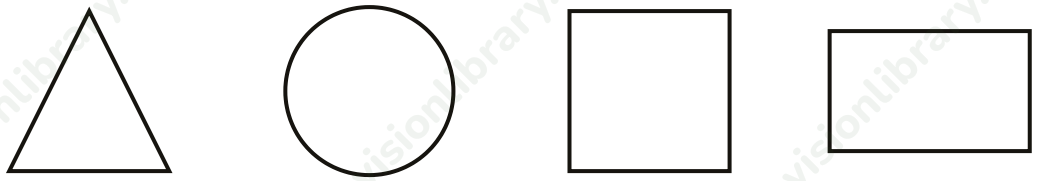
© Revision Library | revisionlibrary.co.uk

2 Four shapes are shown below, labelled A, B, C and D.

A) a triangle B) a circle C) a square D) a rectangle

Tick the letter of the shape that is a circle.

Answer: ___



A B C D

- [ ] A) Triangle
- [ ] B) Circle
- [ ] C) Square
- [ ] D) Rectangle

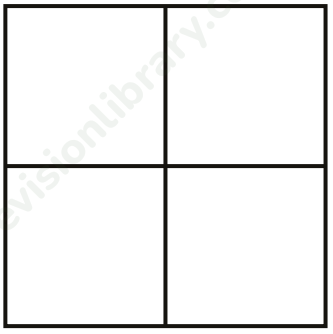
© Revision Library | revisionlibrary.co.uk

3 Chioma has a square tile split into 4 equal parts.

Shade 2 of the 4 equal parts.

Write the fraction you have shaded in two different ways.

Answer: ___ and ___



(2)

---

4 What is one third of 21?

Show your working.

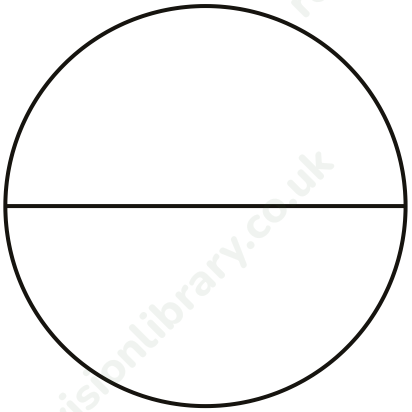
Answer: ___

(2)

© Revision Library | revisionlibrary.co.uk

5 The circle below is split into 2 equal parts.

Shade 1 half of the circle.



(1)

---

6 There are 10 stars in a row.

Colour half of the stars.

How many stars did you colour? ___

☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆ ☆

(1)

© Revision Library | revisionlibrary.co.uk

7 What is half of 16?

Answer: ___

(1)

---

8 Find a half of 20.

Answer: ___

(1)

---

9 Here are some flat shapes: rectangle, circle, rectangle, rectangle, triangle, hexagon, circle.

How many of the shapes has fewer than 5 corners?

Answer: ___

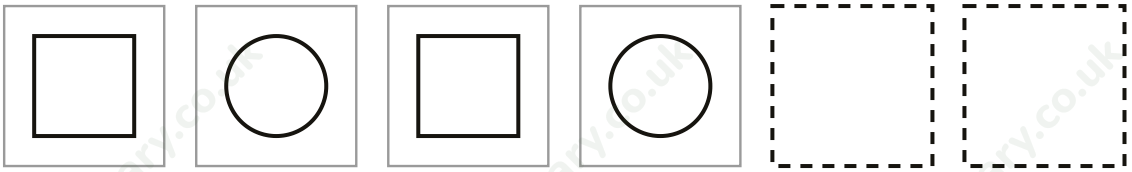
(1)

© Revision Library | revisionlibrary.co.uk

10 Look at this pattern of shapes:

square, circle, square, circle, ___, ___

Draw the next two shapes in the pattern.





(2)

---

11 Which flat shape has 8 corners?

Answer: ___



(1)

---

12 A chocolate bar is cut into 4 equal squares. Noah eats 2 squares.

What fraction of the chocolate bar is left?

Answer: ___



(1)

© Revision Library | revisionlibrary.co.uk

13 Look at the pattern. What comes next?

triangle, square, square, triangle, square, square, triangle, square, square, triangle, square, ___

Answer: ___

(1)

---

14 Find a quarter of 12 m.

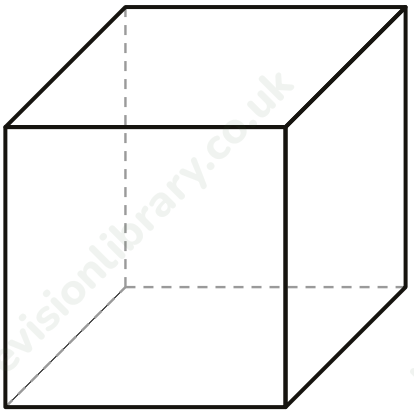
Answer: ___ m

(1)

© Revision Library | revisionlibrary.co.uk

15 How many flat faces does a cube have?

Answer: ___



(1)

16 How many quarters are there in 7 pizzas? (All the pizzas are cut into quarters.)

Answer: ___

(1)

© Revision Library | revisionlibrary.co.uk

Mark scheme · 6.1 Shape and Simple Fractions: Test Pack

Question 1

circle matched to circle cao	B1
square matched to square cao	B1
triangle matched to triangle cao	B1

Answer: **circle to circle, square to square, triangle to triangle**

Question 2

B cao	B1

Answer: **B**

Question 3

exactly 2 of the 4 equal parts shaded cao	B1
2/4 and 1/2 both given oe (either order; accept 'two quarters' and 'one half')	B1

Answer: **2/4 (which is the same as 1/2)**

Question 4

splits 21 into 3 equal groups oe, or equivalent correct method	M1
7 cao	A1

Answer: **7**

Question 5

exactly 1 of the 2 equal parts shaded cao	B1

Answer: **1 of the 2 equal parts shaded**

Question 6

5 cao	B1

Answer: **5**

Question 7

8 cao	B1

Answer: **8**

Question 8

10 cao	B1

Answer: **10**

Question 9

6 cao	B1

Answer: **6**

Question 10

square drawn in the first empty box cao	B1
circle drawn in the second empty box cao	B1

Answer: **square, circle**

Question 11

octagon cao	B1

Answer: **octagon**

Question 12

2/4 cao	B1

Answer: **2/4**

Question 13

square cao	B1

Answer: **square**

Question 14

3 m cao	B1

Answer: **3 m**

Question 15

6 cao	B1

Answer: **6**

Question 16

28 cao	B1

Answer: **28**

© Revision Library | revisionlibrary.co.uk