6.1 Shape and Simple Fractions: 30-minute Pack

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

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Priya has 18 stickers. She gives half of them to her friend.

How many stickers does Priya have left? Show your working.

Answer: ___

(2)

---

2 What is a quarter of 24?

Answer: ___

(1)

---

3 How many halves are there in 4 pizzas? (All the pizzas are cut into halves.)

Answer: ___

(1)

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4 Find a half of 8p.

Answer: ___ p

(1)

---

5 Find a half of 6 m.

Answer: ___ m

(1)

---

6 Here are some flat shapes: triangle, pentagon, hexagon, pentagon, circle, rectangle, square.

How many of the shapes has more than 4 sides?

Answer: ___

(1)

---

7 Here are some flat shapes: pentagon, triangle, circle, square, rectangle.

How many of the shapes has fewer than 5 corners?

Answer: ___

(1)

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8 Here are some flat shapes: square, pentagon, hexagon, circle, triangle.

How many of the shapes has no corners?

Answer: ___

(1)

---

9 Look at the pattern. What comes next?

circle, circle, square, circle, circle, square, circle, circle, square, circle, ___

Answer: ___

(1)

---

10 Here are some flat shapes: hexagon, square, pentagon, pentagon, rectangle.

How many of the shapes has exactly 4 corners?

Answer: ___

(1)

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11 Look at the pattern. What comes next?

triangle, circle, triangle, circle, triangle, ___

Answer: ___

(1)

---

12 How many halves are there in 2 cakes? (All the cakes are cut into halves.)

Answer: ___

(1)

---

13 Find a quarter of 28 m.

Answer: ___ m

(1)

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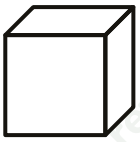
14 Find a quarter of 4p.

Answer: ___ p

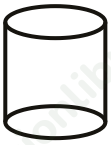
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15 Draw a line from each 3-D shape to its correct name.









cone

cylinder

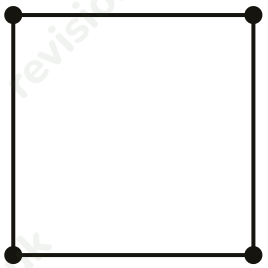
sphere

cube

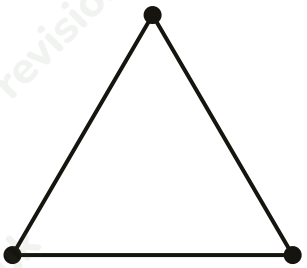
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16 Look at the two shapes below: a square and a triangle.



Square



Triangle

(a) How many corners does the square have? **(1)**

(b) How many corners does the triangle have? **(1)**

---

17 A cake is cut into 2 equal pieces. Kiran eats 1 piece.

What fraction of the cake is left?

Answer: ___

(1)

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Mark scheme · 6.1 Shape and Simple Fractions: 30-minute Pack

Question 1

finds half of 18 (18 / 2) oe, or equivalent correct method **M1**

9 cao **A1**

Answer: **9**

Question 2

6 cao **B1**

Answer: **6**

Question 3

8 cao **B1**

Answer: **8**

Question 4

4p cao **B1**

Answer: **4p**

Question 5

3 m cao **B1**

Answer: **3 m**

Question 6

3 cao **B1**

Answer: **3**

Question 7

4 cao **B1**

Answer: **4**

Question 8

1 cao **B1**

Answer: **1**

Question 9

circle cao **B1**

Answer: **circle**

Question 10

2 cao **B1**

Answer: **2**

Question 11

circle cao **B1**

Answer: **circle**

Question 12

4 cao **B1**

Answer: **4**

Question 13

7 m cao **B1**

Answer: **7 m**

Question 14

1p cao **B1**

Answer: **1p**

Question 15

cube matched to cube cao **B1**

sphere matched to sphere cao **B1**

cylinder matched to cylinder cao **B1**

cone matched to cone cao **B1**

Answer: **cube to cube, sphere to sphere, cylinder to cylinder, cone to cone**

Question 16

(a) 4 cao **B1**

(a) Answer: **4**

(b) 3 cao **B1**

(b) Answer: **3**

Question 17

1/2 cao **B1**

Answer: **1/2**

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