4.3 Fractions: Halves, Quarters and Thirds: 30-minute Pack

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

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Find three quarters of 20 litres.

Answer: ___ litres

(2)

2 Find two quarters of 24.

Answer: ___

(2)

3 A cake is cut into 4 equal pieces. Ella eats 2 pieces.

What fraction of the cake is left?

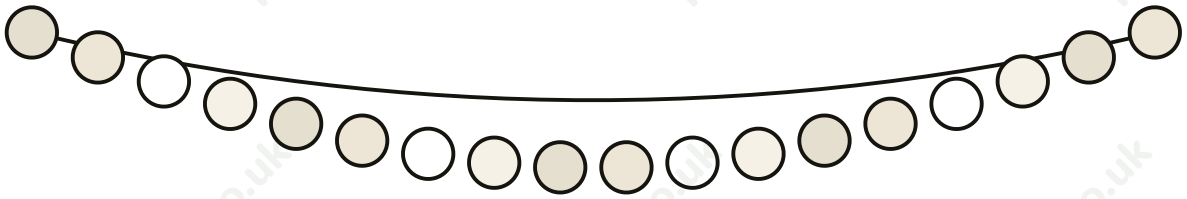
Answer: ___

(1)

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4 There are 18 beads on a necklace. What is one third of 18?

Answer: ___



(1)

---

5 A chocolate bar is cut into 3 equal squares. Aaron eats 2 squares.

What fraction of the chocolate bar is left?

Answer: ___

(1)

---

6 Find two thirds of 18 m.

Answer: ___ m

(2)

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7 Find two quarters of 20 kg.

Answer: ___ kg

(2)

---

8 Find a third of 12.

Answer: ___

(1)

---

9 Grace has 32 sweets. Grace gives two quarters of them to a friend. How many sweets does Grace give away?

Answer: ___

(2)

---

10 A pie is cut into 3 equal slices. Yusuf eats 1 slice.

What fraction of the pie does Yusuf eat?

Answer: ___

(1)

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11 Find two thirds of 30 minutes.

Answer: ___ minutes

(2)

---

12 Find a half of 24.

Answer: ___

(1)

---

13 Find three quarters of 12 kg.

Answer: ___ kg

(2)

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14 Mia eats 1/3 of a cake. Sam eats 2/4 of an identical cake.

Who eats more? Write Mia or Sam, or Same if they eat the same amount.

Answer: ___

(1)

15 Write one half of 10.

Answer: ___

(1)

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Mark scheme · 4.3 Fractions: Halves, Quarters and Thirds: 30-minute Pack

A correct answer earns full marks unless the question asks for working, a method, proof or explanation.

Question 1

20 divided by 4	M1
15 litres cao	A1

Answer: **15 litres**

Question 2

24 / 4 = 6 seen	M1
12 cao	A1

Answer: **12**

Question 3

2/4 cao	B1

Answer: **2/4**

Question 4

6 cao (18 divided by 3 is 6)	B1

Answer: **6**

Question 5

1/3 cao	B1

Answer: **1/3**

Question 6

18 divided by 3	M1
12 m cao	A1

Answer: **12 m**

Question 7

20 divided by 4	M1
10 kg cao	A1

Answer: **10 kg**

Question 8

4 cao	B1

Answer: **4**

Question 9

32 / 4 = 8 seen	M1
16 cao	A1

Answer: **16**

Question 10

1/3 cao	B1

Answer: **1/3**

Question 11

30 divided by 3	M1
20 minutes cao	A1

Answer: **20 minutes**

Question 12

12 cao	B1

Answer: **12**

Question 13

12 divided by 4	M1
9 kg cao	A1

Answer: **9 kg**

Question 14

Sam cao	B1

Answer: **Sam**

Question 15

5 cao	B1

Answer: **5**

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