4.2 Halves and Quarters: 1-hour Pack

STA NC-KS1-MATHS-STA · Calculators not allowed · about 60 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A quarter of Noah's stickers is 6. How many stickers does Noah have altogether?

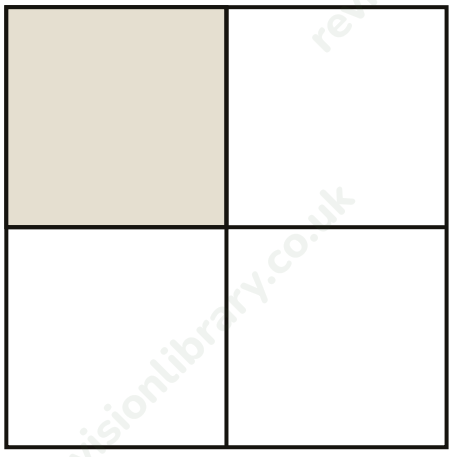
Answer: ___

(1)

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2 A square chocolate bar has 4 equal pieces. Kwame eats one piece.

What fraction of the bar is left?



(1)

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3 How many halves are there in 2 sandwiches? (All the sandwiches are cut into halves.)

Answer: ___

(1)

---

4 Find three quarters of 8.

Answer: ___

(2)

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5 Mia eats 1/3 of a chocolate bar. Sam eats 1/2 of an identical chocolate bar.

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

Answer: ___

(1)

---

6 Hassan has 12 grapes. Hassan gives a quarter of them to a friend. How many grapes does Hassan give away?

Answer: ___

(1)

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7 Mateo has 4 pencils. Mateo gives a quarter of them to a friend. How many pencils does Mateo give away?

Answer: ___

(1)

---

8 How many quarters are there in 6 cakes? (All the cakes are cut into quarters.)

Answer: ___

(1)

---

9 Hassan has 34 coins. Hassan gives a half of them to a friend. How many coins does Hassan give away?

Answer: ___

(1)

---

10 How many quarters are there in 3 pizzas? (All the pizzas are cut into quarters.)

Answer: ___

(1)

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11 There are 18 balloons. Half are blue and half are green.

How many blue balloons are there?

(1)

---

12 Find a half of 4 cm.

Answer: ___ cm

(1)

---

13 A chocolate bar is cut into 4 equal squares. Daisy eats 3 squares.

What fraction of the chocolate bar does Daisy eat?

Answer: ___

(1)

---

14 A pie is cut into 4 equal slices. Jade eats 1 slice.

What fraction of the pie does Jade eat?

Answer: ___

(1)

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

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

Answer: ___

(1)

16 Mia eats 2/4 of a ribbon. Sam eats 2/3 of an identical ribbon.

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

Answer: ___

(1)

17 Find three quarters of 16.

Answer: ___

(2)

18 Find a half of 4 litres.

Answer: ___ litres

(1)

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19 Half of 16 is ___.

Answer: ___

(1)

---

20 How many quarters are there in 5 apples? (All the apples are cut into quarters.)

Answer: ___

(1)

---

21 Find a half of 6 litres.

Answer: ___ litres

(1)

---

22 Find a half of 14 kg.

Answer: ___ kg

(1)

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23 A half of Mateo's cubes is 2. How many cubes does Mateo have altogether?

Answer: ___

(1)

---

24 Mia eats 1/4 of a chocolate bar. Sam eats 3/4 of an identical chocolate bar.

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

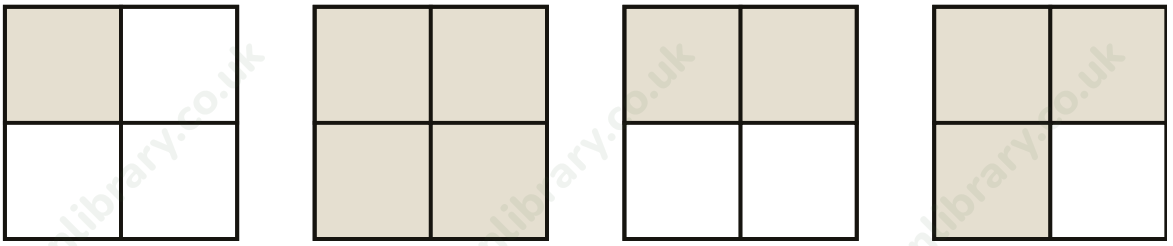
Answer: ___

(1)

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25 Which picture shows one quarter? Four shapes are shown: a shape with one of four parts coloured, a whole shape coloured, a shape with two parts coloured, a shape with three parts coloured.

Answer: write A, B, C or D.



A B C D

- ☐ A
- ☐ B
- ☐ C
- ☐ D

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26 There are 2 plates with 6 biscuits on each. Half of the biscuits on one plate are eaten.

How many biscuits are left on that plate?

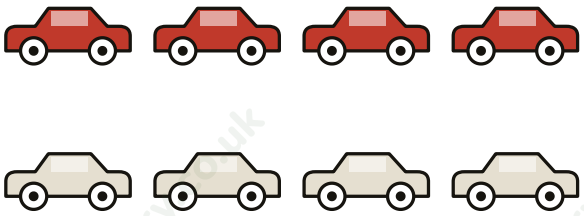
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(1)

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27 There are 8 toy cars. Four cars are red. What fraction of the cars are red?

Write the fraction.



(1)

---

28 Ethan has 6 buttons. Ethan gives a half of them to a friend. How many buttons does Ethan give away?

Answer: ___

(1)

---

29 How many halves are there in 3 sandwiches? (All the sandwiches are cut into halves.)

Answer: ___

(1)

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30 A pizza is cut into 4 equal slices. Olu eats 3 slices.

What fraction of the pizza does Olu eat?

Answer: ___

(1)

---

31 Yusuf shares 4 stars equally between 2 friends.

Write the fraction of the stars each friend gets, then work out how many stars each friend gets.

Answer: ___ and ___

(2)

---

32 A pizza is cut into 4 equal slices. Ethan eats 1 slice.

What fraction of the pizza does Ethan eat?

Answer: ___

(1)

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

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

Answer: ___

(1)

34 A quarter of Jade's balloons is 5. How many balloons does Jade have altogether?

Answer: ___

(1)

35 Olu has 24 books. Olu gives a quarter of them to a friend. How many books does Olu give away?

Answer: ___

(1)

36 If a shape is split into 2 equal parts. What is each part called?

Answer: ___

(1)

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37 Find a half of 10p.

Answer: ___ p

(1)

---

38 A half of Willow's beads is 4. How many beads does Willow have altogether?

Answer: ___

(1)

---

39 Find a quarter of 12p.

Answer: ___ p

(1)

---

40 Find a quarter of 32 litres.

Answer: ___ litres

(1)

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Mark scheme · 4.2 Halves and Quarters: 1-hour Pack

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

Question 1

24 cao — **B1**
Answer: **24**

Question 2

3/4 cao — **B1**
Answer: **3/4**

Question 3

4 cao — **B1**
Answer: **4**

Question 4

8 / 4 = 2 seen — **M1**
6 cao — **A1**
Answer: **6**

Question 5

Sam cao — **B1**
Answer: **Sam**

Question 6

3 cao — **B1**
Answer: **3**

Question 7

1 cao — **B1**
Answer: **1**

Question 8

24 cao — **B1**
Answer: **24**

Question 9

17 cao — **B1**
Answer: **17**

Question 10

12 cao — **B1**
Answer: **12**

Question 11

9 cao — **B1**
Answer: **9**

Question 12

2 cm cao — **B1**
Answer: **2 cm**

Question 13

3/4 cao — **B1**
Answer: **3/4**

Question 14

1/4 cao — **B1**
Answer: **1/4**

Question 15

Sam cao — **B1**
Answer: **Sam**

Question 16

Sam cao — **B1**
Answer: **Sam**

Question 17

16 / 4 seen — **M1**
12 cao — **A1**
Answer: **12**

Question 18

2 litres cao — **B1**
Answer: **2 litres**

Question 19

8 cao — **B1**
Answer: **8**

Question 20

20 cao — **B1**
Answer: **20**

Question 21

3 litres cao — **B1**
Answer: **3 litres**

Question 22

7 kg cao — **B1**
Answer: **7 kg**

Question 23

4 cao — **B1**
Answer: **4**

Question 24

Sam cao — **B1**
Answer: **Sam**

Question 25

A cao — **B1**
Answer: **A**

Question 26

3 cao — **B1**
Answer: **3**

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Question 27

1/2 cao (4 of 8) **B1**

Answer: **1/2**

Question 28

3 cao **B1**

Answer: **3**

Question 29

6 cao **B1**

Answer: **6**

Question 30

3/4 cao **B1**

Answer: **3/4**

Question 31

1/2 seen **M1**

1/2 and 2 cao **A1**

Answer: **1/2 and 2**

Question 32

1/4 cao **B1**

Answer: **1/4**

Question 33

Sam cao **B1**

Answer: **Sam**

Question 34

20 cao **B1**

Answer: **20**

Question 35

6 cao **B1**

Answer: **6**

Question 36

a half cao **B1**

Answer: **a half**

Question 37

5p cao **B1**

Answer: **5p**

Question 38

8 cao **B1**

Answer: **8**

Question 39

3p cao **B1**

Answer: **3p**

Question 40

8 litres cao **B1**

Answer: **8 litres**

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