Year 2 maths: Halves, quarters and eighths (Easy)

Maths · Fractions
Level: Easy

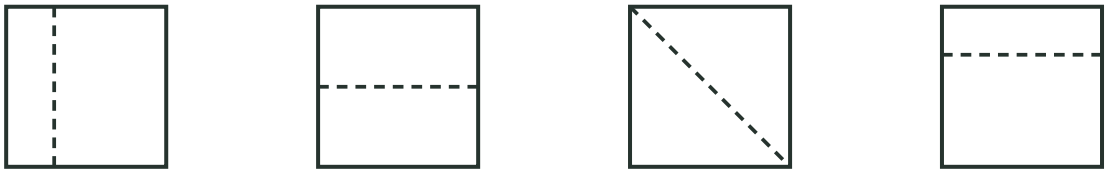
Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

1. Choose the TWO squares that are cut into halves.

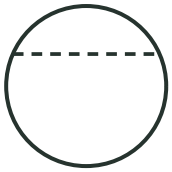
Tick every answer that fits.



☐ **A** ☐ **B** ☐ **C** ☐ **D**

2. Mia cut this pizza into 2 pieces. Are the pieces halves?

Circle one answer.

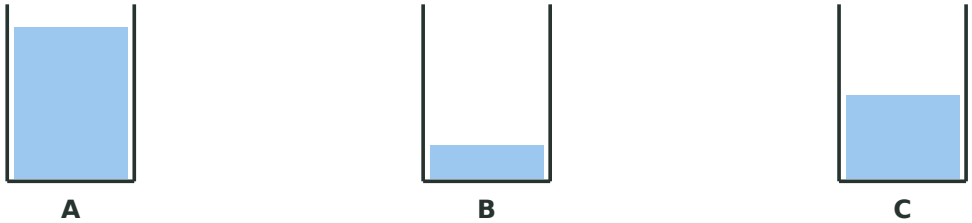


○ **A** No, the pieces are not the same size

○ **B** Yes, there are 2 pieces

3. Which container is half full?

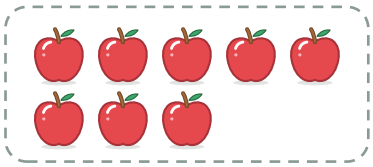
Circle one answer.



○ **A** ○ **B** ○ **C**

4. What is half of 8 apples?

Answer: ☐ apples



Working:

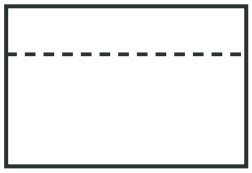
5. Half of 10 is ___.

Circle one answer.

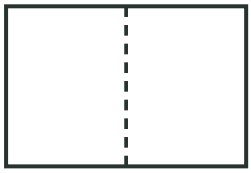
○ **A** 4 ○ **B** 5 ○ **C** 8

6. Which rectangle is cut into halves?

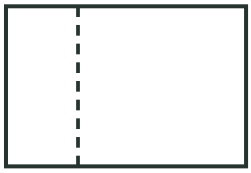
Circle one answer.



A



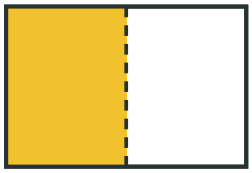
B



C

○ **A** ○ **B** ○ **C**

7. What fraction of the rectangle is shaded?



8. What fraction of this square is shaded?

Circle one answer.

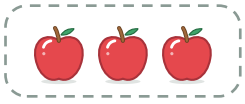


○ **A** one quarter ○ **B** one seventh ○ **C** one eighth

○ **D** one half

9. Dad cuts 3 apples in half. How many apple halves does he have?

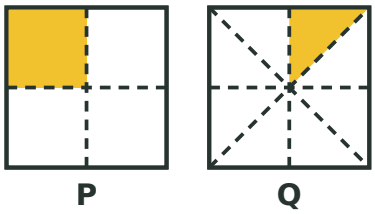
Answer: ☐



Working:

10. Both squares are the same size. Which shaded piece is bigger?

Circle one answer.



○ **A** They are the same size

○ **B** one eighth (square Q)

○ **C** one quarter (square P)

Answer key

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1. B; C

Squares B and C are cut through the middle, so each has 2 parts the same size. A and D have one big part and one small part, so they are not halves.

2. A — No, the pieces are not the same size

No. One piece is much bigger than the other. Halves must be the same size.

3. C

Container C has water halfway up, so it is half full. A is nearly full and B is nearly empty.

4. 4 apples

Share 8 apples into 2 equal groups: 4 in each. 4 + 4 = 8, so half of 8 is 4.

5. B — 5

Half of 10 is 5, because 5 + 5 = 10. Taking 2 away gives 8, which is not half.

6. B

Rectangle B is cut through the middle into 2 parts the same size. A and C each have a big part and a small part.

7. one half (also accepted: half, a half, 1/2, 1 half)

The rectangle is cut into 2 equal parts and 1 is shaded, so one half is shaded.

8. C — one eighth

The square has 8 equal parts and 1 is shaded, so one eighth is shaded.

9. 6

Each apple makes 2 halves. 2 + 2 + 2 = 6 halves.

10. C — one quarter (square P)

Square Q is cut into more parts, so each part is smaller. A quarter is bigger than an eighth.