Year 5 maths: Link fractions, hundredths, decimals and percent (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.

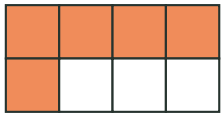
Questions

1. A ribbon is split into 5 equal pieces. How many pieces make 3/5 of the ribbon?

Answer: ☐

Working:

2. A tray has 8 equal muffin spaces. The shaded ones are iced. What fraction of the tray is iced?



3. A pizza is cut into 8 equal slices. Ravi eats 3 slices. What fraction of the pizza is left?

Circle one answer.

○ **A** 5/8 ○ **B** 3/5 ○ **C** 5/3 ○ **D** 3/8

4. Which fraction means 7 out of 10 equal parts?

Circle one answer.

○ **A** 3/10 ○ **B** 7/3 ○ **C** 7/10 ○ **D** 10/7

5. Which is bigger: 1/3 or 1/6?

Circle one answer.

○ **A** 1/6 ○ **B** 1/3

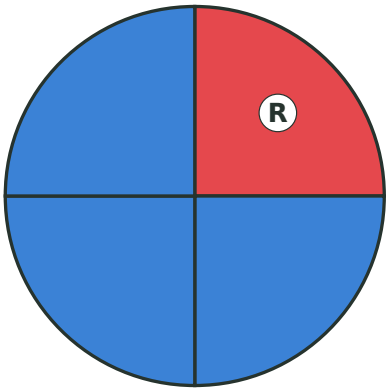
6. Which is bigger: 1/2 or 1/4?

Circle one answer.

○ **A** 1/2 ○ **B** 1/4

7. The spinner has 4 equal sections. What fraction of the spinner is red? That is the chance of landing on red.

Circle one answer.



○ **A** 1/2 ○ **B** 1/3 ○ **C** 3/4 ○ **D** 1/4

Colour key: R = red

8. What is 10% of 90 kg? Answer: ____ kg

Working:

9. Mia spent 50% of $24. How many dollars did she spend? Answer: $ ____

Working:

10. Which is greater: 25/100 or 3/10?

Circle one answer.

○ **A** They are equal ○ **B** Neither, 3/10 is 0.03

○ **C** 25/100 ○ **D** 3/10

Answer key

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1. 3

3/5 means 3 of the 5 equal parts.

2. 5/8

8 equal parts, 5 shaded: 5/8.

3. A — 5/8

8 slices, 3 eaten, so 5 are left: 5/8.

4. C — 7/10

The bottom number is the number of equal parts (10). The top number is the parts we mean (7).

5. B — 1/3

A whole cut into 3 equal parts has bigger pieces than a whole cut into 6. So 1/3 is bigger than 1/6.

6. A — 1/2

A whole cut into 2 equal parts has bigger pieces than a whole cut into 4. So 1/2 is bigger than 1/4.

7. D — 1/4

1 of the 4 equal sections is red, so the chance is 1/4.

8. 9 kg

10% is one tenth. 90 ÷ 10 = 9.

9. $12

50% is a half. Half of $24 is $12.

10. D — 3/10

3/10 is 30/100. 25/100 is less than 30/100.