Year 4 maths: Division facts, sharing and grouping (Easy)

Maths · Number
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. What is 20 ÷ 5?

Answer: ☐

Working:

2. What is 18 ÷ 2?

Answer: ☐

Working:

3. 25 koala stickers are shared equally between 5 students. How many koala stickers does each get?

Answer: ☐

Working:

4. 16 muffins are packed into boxes of 4. How many boxes are filled?

Answer: ☐

Working:

5. 2 × 8 = 16. Which division is in the same fact family?

Circle one answer.

2	8	16

○ **A** 2 ÷ 16 = 8 ○ **B** 16 ÷ 2 = 8

○ **C** 16 − 2 = 14 ○ **D** 16 × 2 = 32

6. Lachlan has 24 tennis balls. They go into cans of 3. How many cans does he fill?

Circle one answer.

○ **A** 8 ○ **B** 72 ○ **C** 9 ○ **D** 21

7. A sausage sizzle has 40 sausages. 10 sausages fit on a tray. How many trays are needed?

Answer: ☐ trays

Working:

8. Kai shares 21 marbles between 3 friends. They get 9, 6 and 6. Is this an equal share?

Circle one answer.

○ **A** No. Each friend should get 3 ○ **B** Yes, it is equal

○ **C** No. Each friend should get 7

9. Is 14 ÷ 2 = 7 right?

Circle one answer.

○ **A** No, 14 ÷ 2 = 8 ○ **B** Yes, 14 ÷ 2 = 7

10. Which division has the answer 4?

Circle one answer.

○ **A** 9 ÷ 3 ○ **B** 12 ÷ 3 ○ **C** 10 ÷ 2

Answer key

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1. 4

Think of the times fact: 5 × 4 = 20. So 20 ÷ 5 = 4.

2. 9

Think of the times fact: 2 × 9 = 18. So 18 ÷ 2 = 9.

3. 5

Share 25 into 5 equal groups: 25 ÷ 5 = 5. Check: 5 × 5 = 25.

4. 4

Count the groups of 4 in 16: 16 ÷ 4 = 4. Check: 4 × 4 = 16.

5. B — 16 ÷ 2 = 8

A fact family uses the same three numbers, 2, 8 and 16. The biggest number is divided: 16 ÷ 2 = 8 and 16 ÷ 8 = 2.

6. A — 8

This is a division: 24 ÷ 3 = 8. Check: 8 × 3 = 24.

7. 4 trays

40 ÷ 10 = 4. Check: 4 × 10 = 40.

8. C — No. Each friend should get 7

The friends got different amounts, so it is not equal. 21 ÷ 3 = 7, so each friend should get 7.

9. B — Yes, 14 ÷ 2 = 7

Check with multiplication: 2 × 7 = 14.

10. B — 12 ÷ 3

3 × 4 = 12, so 12 ÷ 3 = 4.