Year 3 maths: Multiplication and division facts (Medium)

Maths · Number
Level: Medium

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 3 × 8?

Answer: ☐

Working:

2. 10 × 2 = 20. What is 5 × 2?

Circle one answer.

○ **A** 10 ○ **B** 20 ○ **C** 5 ○ **D** 15

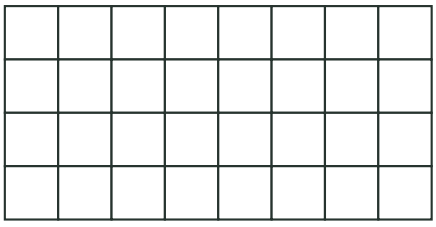
3. 10 × 4 = 40. Use it to find 5 × 4.

Answer: ☐

Working:

4. Which has the same answer as 4 × 8?

Circle one answer.



○ **A** 4 × 4 ○ **B** 8 × 8 ○ **C** 4 + 8
○ **D** 8 × 4

5. 40 seedlings are planted equally in 4 garden beds. How many seedlings go in each bed?

Circle one answer.

○ **A** 4 ○ **B** 160 ○ **C** 36 ○ **D** 10

6. What is 24 ÷ 3?

Answer: ☐

Working:

7. What is 36 ÷ 4?

Answer: ☐

Working:

8. What is 35 ÷ 5?

Answer: ☐

Working:

9. Which is a way to work out 4 × 12?

Circle one answer.

○ **A** 4 + 10 + 2

○ **B** 4 × 10 = 40, then add 2

○ **C** 4 × 2 = 8, then add 10

○ **D** 4 × 10 = 40 and 4 × 2 = 8, then add

10. A minibus seats 10 people. 60 people are going to the zoo. Which number sentence finds how many minibuses are needed?

Circle one answer.

○ **A** 60 × 10 = 600 ○ **B** 60 − 10 = 50 ○ **C** 60 ÷ 10 = 6

Answer key

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1. 24

Count by 3s: 3, 6, 9, 12, 15, 18, 21, 24. So 3 × 8 = 24.

2. A — 10

5 groups is half of 10 groups. Half of 20 is 10. So 5 × 2 = 10.

3. 20

5 is half of 10, so 5 × 4 is half of 10 × 4. Half of 40 is 20. So 5 × 4 = 20.

4. D — 8 × 4

4 rows of 8 turned round is 8 rows of 4. Nothing is added or taken away, so 4 × 8 and 8 × 4 are both 32. The other choices use one number twice or add the numbers, so they make different numbers.

5. D — 10

Sharing 40 into 4 equal groups: 40 ÷ 4 = 10. Check: 4 × 10 = 40.

6. 8

Think of the times fact: 3 × 8 = 24. So 24 ÷ 3 = 8.

7. 9

Think of the times fact: 4 × 9 = 36. So 36 ÷ 4 = 9.

8. 7

Think of the times fact: 5 × 7 = 35. So 35 ÷ 5 = 7.

9. D — 4 × 10 = 40 and 4 × 2 = 8, then add

12 is 10 + 2. Every one of the 4 rows has 10 and 2. 4 × 10 = 40 and 4 × 2 = 8. 40 + 8 = 48, so 4 × 12 = 48.

10. C — 60 ÷ 10 = 6

The total, 60, is split into equal groups, so it is a division: 60 ÷ 10 = 6.