



TIMO practice: Divisible by both numbers (with solutions)

8 problems · Grade 2, 3 · answers and solutions at the end

Name _____

Date _____



Practise this type in the Karotto app, with questions read aloud and hints when stuck. Scan the code or visit playkarotto.com

Grade 2

- 1 From 1 to 35, how many numbers can be divided exactly by both 3 and 5?

Answer: _____

- 2 From 1 to 30, how many numbers can be divided exactly by both 3 and 4?

Answer: _____

- 3 What is the largest two-digit number that can be divided exactly by both 3 and 5?

Answer: _____

- 4 What is the largest two-digit number that can be divided exactly by both 2 and 3?

Answer: _____

Grade 3

- 5 From 1 to 101, how many numbers can be divided exactly by both 4 and 9?

Answer: _____

- 6 What is the smallest three-digit number that can be divided exactly by both 4 and 6?

Answer: _____

- 7 What is the smallest three-digit number that can be divided exactly by both 5 and 6?

Answer: _____

- 8 From 1 to 127, how many numbers can be divided exactly by both 4 and 10?

Answer: _____

Answers and solutions: Divisible by both numbers

1. Answer: 2 · Grade 2

How to think: List the numbers you can divide exactly by 5, then find one you can also divide by 3.

Solution: The smallest number you can divide by both 3 and 5 is 15. The numbers are 15, 30. That makes 2.

2. Answer: 2 · Grade 2

How to think: List the numbers you can divide exactly by 4, then find one you can also divide by 3.

Solution: The smallest number you can divide by both 3 and 4 is 12. The numbers are 12, 24. That makes 2.

3. Answer: 90 · Grade 2

How to think: List the numbers you can divide exactly by 5, then find one you can also divide by 3.

Solution: Count back in 5s: 95, 90. The first one you can also divide by 3 is 90.

4. Answer: 96 · Grade 2

How to think: List the numbers you can divide exactly by 3, then find one you can also divide by 2.

Solution: Count back in 3s: 99, 96. The first one you can also divide by 2 is 96.

5. Answer: 2 · Grade 3

How to think: List the numbers you can divide exactly by 9, then find one you can also divide by 4.

Solution: The smallest number you can divide by both 4 and 9 is 36. The numbers are 36, 72. That makes 2.

6. Answer: 108 · Grade 3

How to think: List the numbers you can divide exactly by 6, then find one you can also divide by 4.

Solution: Count on in 6s: 102, 108. The first one you can also divide by 4 is 108.

7. Answer: 120 · Grade 3

How to think: List the numbers you can divide exactly by 6, then find one you can also divide by 5.

Solution: Count on in 6s: 102, 108, 114, 120. The first one you can also divide by 5 is 120.

8. Answer: 6 · Grade 3

How to think: List the numbers you can divide exactly by 10, then find one you can also divide by 4.

Solution: The smallest number you can divide by both 4 and 10 is 20. The numbers are 20, 40, 60, 80, 100, 120. That makes 6.
