MATHEMATICS · KINDERGARTEN TO GRADE 3

Multiplying by 2, 5, and 10

Difficulty level: Easy

Mathematics: Kindergarten to Grade 3

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Overview of the concept

This is how you learn the fastest times tables first, doubling, counting by fives and adding a zero, like counting pairs of socks or five dollar bills. Two, five, and ten are the easiest tables because they follow patterns you can see, doubling, counting in fives, and adding a zero. You use them to count pairs of shoes, to add up five dollar bills, or to work out the cost of ten of anything in seconds.



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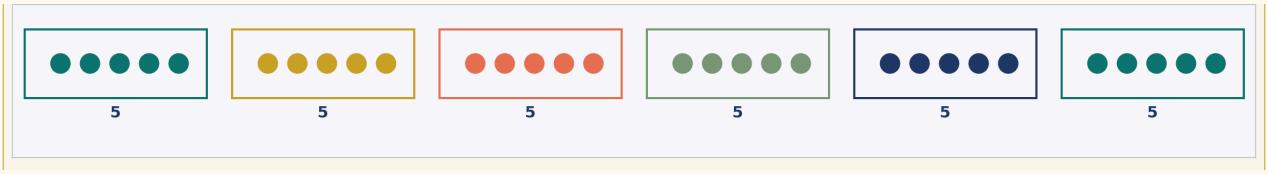
Worked examples

EXAMPLE 1

Q $6 \times 5 = ?$



SOLUTION

6 × 5 means 6 groups of 5.

Count by 5s six times: 5, 10, 15, 20, 25, 30.

So 6 × 5 = 30

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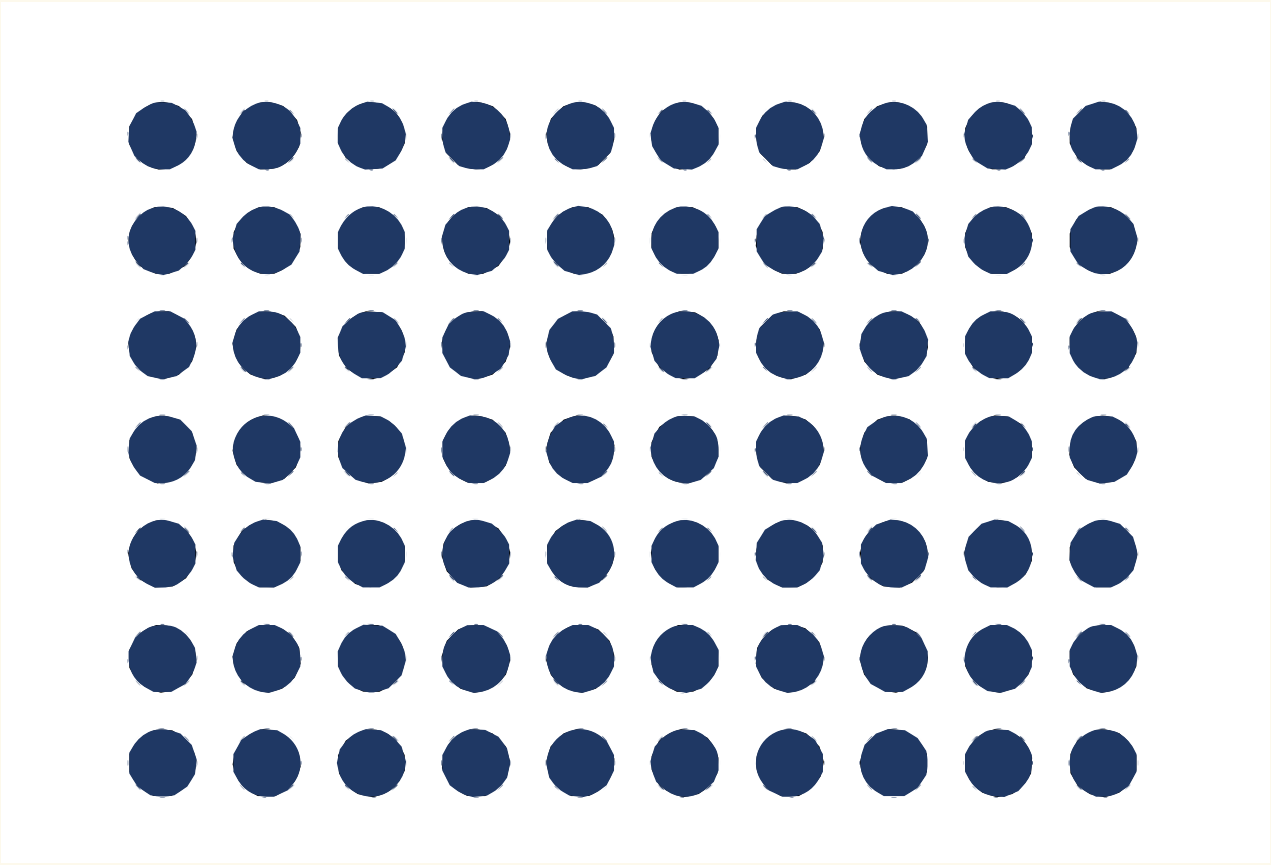
EXAMPLE 2

Q $7 \times 10 = ?$



SOLUTION

7×10 means 7 groups of 10.

Count by 10s seven times: 10, 20, 30, 40, 50, 60, 70.

So $7 \times 10 = 70$

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Practice questions

1. 4 bicycles have 2 wheels each. Count by 2s four times. How many wheels are there in all?

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2. 9 pairs of shoes have 2 shoes each. Count by 2s nine times. How many shoes are there?

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3. 3 hands have 5 fingers each. Count by 5s three times. How many fingers are there in all?

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4 **8 starfish have 5 arms each. Skip count by 5s eight times. How many arms are there in all?**

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5 **5 dimes are worth 10 cents each. Count by 10s five times. How many cents is that?**

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6 **9 bags hold 10 marbles each. Count by 10s nine times. How many marbles are there in all?**

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7 **12 pairs of socks have 2 socks each. Count by 2s twelve times. How many socks are there?**

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8 **11 children hold up 5 fingers each. Skip count by 5s eleven times. How many fingers are there in all?**

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9 **10 rows of 10 chairs are set out. Count by 10s ten times. How many chairs are there?**

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10 **7 dogs have 2 ears each. Count by 2s seven times. How many ears are there in all?**

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ANSWER KEY

1. 8

2. 18

3. 15

4. 40

5. 50

6. 90

7. 24

8. 55

9. 100

10. 14

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