

Instructions

For each of the following problems, add the multiples of the given number. Show your work for each step. You can also use diagrams or drawings to help visualize your solution.

1. Multiply and Add:

Calculate the sum of the first 5 multiples of 3.

- 3, 6, 9, 12, 15

What is the total sum?

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2. Word Problem:

If you have 5 bags of apples and each bag contains 4 apples, how many apples do you have in total?

Use the multiples of 4 to find your answer.

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3. Challenge:

Add the results of the multiples of 7:

- 7×1
- 7×2
- 7×3
- 7×4
- 7×5

What is the sum of these multiples?

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4. Real-world Application:

Imagine you're saving money. If you save \$5 each week, how much money will you have saved after 6 weeks?

Calculate the total using the multiples of 5.

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5. Reflect:

What patterns do you notice when you add up the multiples of a number? Write a few sentences reflecting on your observations.