

ACTION

RESPONSE

$$a = 7, b = 9, c = 4, d = 10$$

Fluency



1. $2d - 3c - 2$

5. $2d - 2b$

2. $2b - c + 1$

6. $3d - 4a + b - 2c - 2$

3. $3a - b + 3$

7. $2b - a + b - 2c$

4. $3b - 2d + 3a - 2c$

8. $4d - 6b + 2c$

Reasoning



You can work out the amount of medicine 'C' ml, to give to a child by using the formula:

$$C = \frac{ma}{150}$$

'm' is the age of the child, in months.

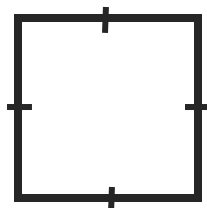
'a' is an adult dose, in ml.

A child is 30 months old. And, an adult dose is 40ml. Work out the amount of medicine the child needs.

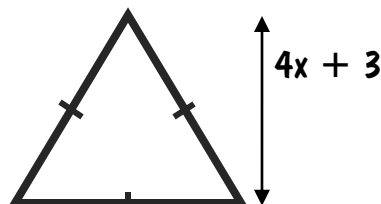
Problem Solving



Find the area and perimeter of the shapes below when $x = 2.5$

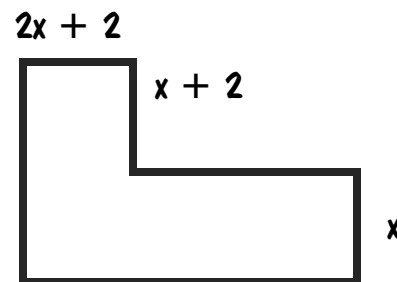


$$5x + 1$$



$$4x + 3$$

$$6x - 3$$



$$5x + 1$$



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RESPONSE

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Fluency



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9. $2d - 2b$

6. $2b - c + 1$

10. $3d - 4a + b - 2c - 2$

7. $3a - b + 3$

11. $2b - a + b - 2c$

8. $3b - 2d + 3a - 2c$

12. $4d - 6b + 2c$

Reasoning



You can work out the amount of medicine 'C' ml, to give to a child by using the formula:

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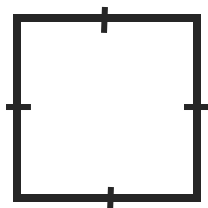
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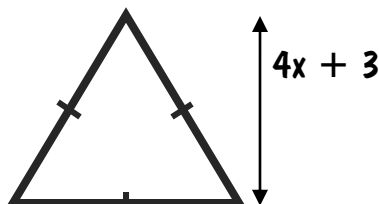
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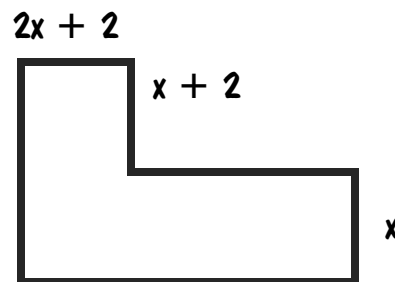
Find the area and perimeter of the shapes below when $x = 2.5$



$$5x + 1$$



$$6x - 3$$



$$5x + 1$$

