

One-Step Equations - Fractions & Decimals

Mul/Div: S2

- 1) Raoul is training hard for a 10K run. He takes 42.85 minutes to complete 5 laps of the park. How much time on an average does he clock to complete a single lap?

- 2) On Labor Day, Ross and his brother went fishing to the Chocomaunt River. Ross took home 15 catfish and his brother took home 12. What was the total catch made by the two brothers?

- 3) An adult gopher is 12 inches long. This is four times the length of a baby gopher. How long is a baby gopher?

- 4) John buys a billiard table that is 38 inches long. The width of the table is 30 inches. What is the length of the table?

- 5) Diana wraps gifts for her friends. She requires 251.46 inches of satin ribbon to make nine floral bows. What length of satin ribbon does she require to make one floral bow?

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Answer key**One-Step Equations - Fractions & Decimals**

Mul/Div: S2

- 1) Raoul is training hard for a 10K run. He takes 42.85 minutes to complete 5 laps of the park. How much time on an average does he clock to complete a single lap?

$$5x = 42.85 ; 8.57 \text{ minutes}$$

- 2) On Labor Day, Ross and his brother went fishing to the Chocomaunt River. Ross took home 15 catfish and his brother took home 12. What was the total catch made by the two of them?

$$\frac{3}{4}x = 1$$

- 3) An adult gopher is 36 inches long. This is four times the length of a baby gopher. How long is a baby gopher?

$$4x = 36$$

- 4) John buys a billiard table that is 76 inches long. The length of the table is 38 inches. How long is the width of the table?

$$\frac{1}{2}x = 38 ; 76 \text{ inches}$$

- 5) Diana wraps gifts for her friends. She requires 251.46 inches of satin ribbon to make nine floral bows. What length of satin ribbon does she require to make one floral bow?

$$9x = 251.46 ; 27.94 \text{ inches}$$

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