

- 10 The cost of a cup of tea is x cents.

The cost of a cup of coffee is $(x + 3)$ cents.

The total cost of 7 cups of tea and 11 cups of coffee is 22.5 cents.

Find the cost of one cup of tea.

Answer _____ cents [3]

- 11 The volume of a solid varies directly as the ~~cube~~ cube of its length.

When the length is 3 cm, the volume is 108 cm^3 .

Find the volume when the length is 5 cm.

Answer _____ cm^3 [3]

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N Colangelo



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