

Tell whether each situation represents a direct proportion. If so, identify the constant of variation.

- There are 750 calories in 3 servings of pie. _____
- An electrician charges a flat fee of \$45 upon coming and then \$65 per hour. _____

Tell whether each equation represents a direct proportion. If so, identify the constant of variation.

- $y = 9x + 2$ _____
- $y = 1\frac{4}{5}x$ _____
- $y = 4x$ _____
- $y = -6x + 2$ _____
- $y = -5\frac{1}{2}x$ _____
- $4y = 12x$ _____

Tell whether each equation represents a direct proportion. If so, identify the constant of variation.

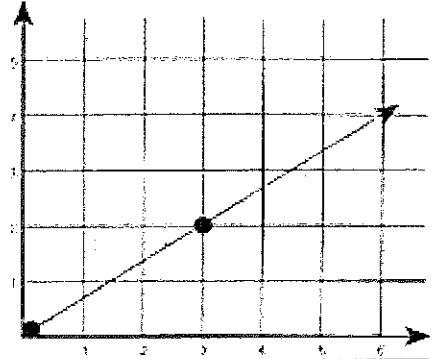
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|----------------------------|---|------|----|
| Weight of strawberries(lb) | 1 | 1.5 | 2 |
| Cost (\$) | 5 | 7.50 | 10 |

- | | | | | |
|---|---|---|---|----|
| x | 0 | 1 | 2 | 3 |
| y | 0 | 4 | 8 | 12 |

- | | | | |
|---------------|----|----|----|
| # of cartons | 2 | 3 | 4 |
| Total Crayons | 24 | 36 | 48 |

- | | | | | |
|---|---|---|----|----|
| X | 1 | 2 | 3 | 4 |
| y | 0 | 6 | 12 | 18 |

Tell whether each equation represents a direct proportion. If so, identify the constant of variation.

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