**Solving One-Step Equations**

Solve each problem by defining the unknown, writing an equation, solving it, and checking your answer. Show your work!

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| **Problem** | **Identify the unknown** | **Write and solve an equation** | **Check it** |
| Four more than a number is negative six. Find the number. |  |  |  |
| The product of a number and 2.5 is 375. Find the number. |  |  |  |
| A number divided by negative six is five. Find the number. |  |  |  |
| Three less than a number is negative ten. Find the number. |  |  |  |
| A number divided byis . Find the number. |  |  |  |
| **Problem** | **Identify the unknown** | **Write and solve an equation** | **Check** |
| A corn stalk grew 3.5 inches in one week in July. If the stalk was 42.1 inches at the end of the week, how tall was it at the start of the week? |  |  |  |
| A box of 24 candles is packed in rows, and the rows are stacked three deep. How many candles are in each row? |  |  |  |
| Beth ran a 400 meter dash in 57.2 seconds. This was 2.4 sec faster than her previous time. What was her previous time? |  |  |  |
| Four friends share the cost of a meal equally. If each pays $12.50, what was the cost of the meal? |  |  |  |
| Dan bought 6 boxes of candy for his teachers at holiday time. If he spent $41.70, how much did each box cost? |  |  |  |