

## Two-Step Equations - Integers

Sheet 3

- 1) The bartender of a poolside bar prepares 96 fluid ounces of mocktail by blending the juice of cranberries and oranges. He uses three times the amount of cranberry juice than orange juice to prepare the mocktail. He also adds 24 ounces of lemon extract. How many fluid ounces of orange juice was used in all?

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- 2) Abigail invites her friends over for a pajama party. She bought 12 tubs of popcorn for her friends. If 5 tubs of popcorn were used for her friends, how many tubs of popcorn were left over?

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- 3) Bryan has a collection of baseball cards. He has 150 cards now, how many cards did he have initially with his brother, Jude. Bryan also has 8 baseball cards now, how many did he have initially?

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- 4) Jane ordered a box of 24 boxes of tissues. She returned 28 boxes of tissues. How many boxes were used for each of the four boxes? How many boxes were used for each of the four boxes? How many boxes were used for each of the four boxes?

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- 5) The perimeter of a rectangular carton is 60 inches. If the width of the carton is 11 inches, calculate its length.

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