

# Writing equations

**This task is about writing equations.**

Fill in the boxes to complete each equation which describes the word problem.



a) Rose is playing darts.

She needs a total score of 40 points to win the game and her score is already 27 points.

Complete the equation, where  $x$  is the score Rose needs to get on her next throw to win the game.

$$\boxed{\phantom{00}} + x = \boxed{\phantom{00}}$$



b) Anaru has \$385 in his savings account.

After he buys some old CDs worth \$17 each he has \$300 left in his account.

Complete the equation, where  $n$  is the number of old CDs Anaru bought.

$$\boxed{\phantom{00}} - (\boxed{\phantom{00}} \times n) = \boxed{\phantom{00}}$$



c) George makes wooden puzzles and sells them on the Internet.

The cost of each puzzle is \$6 for materials and \$20 for labour. It costs \$12 to have an order posted out. You have \$350 to spend.

Complete the equation below to show  $n$ , the number of puzzles you can buy for \$350.

$$n \times (\boxed{\phantom{00}} + \boxed{\phantom{00}}) + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

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