

One-Step Equations - MCQ

Sheet 3

Read and interpret each word problem and choose the one-step equation that best represents the situation.

1) The total distance from Sam's house to the stadium is 12 miles. He drives 6.5 miles and takes a break. He has to cover a distance of x miles to reach his destination.

a) $6.5x = 12$

c) $12 + x = 6.5$

b) $x - 12 = 6.5$

d) $6.5 + x = 12$

2) Jacob bought tickets for a concert. He was billed for \$ x .

a) $\frac{x}{14.96} = 3$

b) $14.96x = 3$

3) Green Day & Co. sold x cars. Both the companies sold a total of 63 cars this year.

a) $x + 63 = 37$

b) $37 + x = 63$

4) Daniel buys x shirts. He has \$15 remaining after buying the shirts. The shirts cost \$17 each.

a) $15x = 17$

b) $x - 15 = -17$

d) $x + 15 = -17$

5) Patrick receives \$12 as tips from two customers whose tables he waited on. One customer gave him \$ x and the other gave him \$5.

a) $12 + x = 5$

c) $5x = 12$

b) $x + 5 = 12$

d) $x - 5 = 12$

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