Quiz - Solving One Step Linear Equations

Outcome PR2 - Model and Solve Problems Using Linear Equations

1) Solve each equation:

   a) $7x = -28$

   b) $15 = -5x$

   c) $-6g = -72$

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3

2) Solve each equation:

   a) $\dfrac{y}{6} = 9$

   b) $10 = \dfrac{r}{-2}$

   c) $\dfrac{t}{-4} = -44$

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3) Show whether $x = -15$ is the solution to each equation.

   a) $7x = -105$

   b) $\dfrac{x}{-3} = -5$

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4) The length of a skateboard is about 4 times its width. The length of Nixon's board is 84 cm. How wide is Nixon's board?

  a) Write an equation to represent this situation.

  b) Solve the equation.

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5) At a restaurant, Mya and her three friends decided to divide the bill evenly. Each person paid $13. How much was the total bill?

  a) Write an equation to model this situation using the form $\dfrac{x}{a} = b$.

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  b) Solve the equation.

Score for Outcome PR2: ____
12