

Linear Equations: Using Symbols

1. Alana wants to take flying lessons in 1 year. A beginning set of lessons costs \$1,000.00. She has already saved \$300.00. Which equation represents the amount she will need to save every month to pay for the lessons?

a. $1,000 = 12m + 300.00$

b. $1,000 = 12m$

c. $1,000 + 300 = 12m$

2. Rob wants to purchase a bike for \$1,000. He has saved \$100. He expects to be able to save \$60 per month. How many months will it take Rob to save enough money for his bike?

a. 12 months

b. 14 months

c. 15 months

3. You can always represent a situation using an algebraic equation.

a. True

b. False