

Solve by writing an equation and showing all work. Write your answer in a sentence.

3rd

1. Sarah buys 3 roses and 5 tulips. The roses cost \$2 more than the tulips. She paid a total of \$54. How much did each flower cost?

$$3(t+2) + 5t = 54$$

2. Nine friends buy pumpkins. They spend \$54. What is the price of one pumpkin if they receive a discount of \$4 per pumpkin?

$$9(p-4) = 54$$

3. The sum of three consecutive integers is 45. What are the numbers?

$$a + (a+1) + (a+2) = 45$$

$$3a + 3 = 45$$

$$\begin{array}{r} -3 \quad -3 \\ 3a + 3 = 45 \\ \hline 3a = 42 \end{array}$$

$$\frac{3a}{3} = \frac{42}{3}$$

$$a = 14$$

14, 15, 16