

## On Your Own

1. Chloe won 39 pieces of gum playing skee ball at the county fair. At school she gave three to every student in her math class. She only has 3 remaining. How many students are in her class?

$X$  = # of students

$$3x + 3 = 39$$

$$x = 12$$

2. Morgan bought three shirts and a pair of pants for \$18. If he had \$36 before the purchase. How much did each shirt cost?

$X$  = price of shirt

$$3x + 18 = 36$$

$$x = 6$$

3. Half of your baseball card collection got wet and was ruined. You bought 13 cards to replace some that were lost. How many did you begin with if you now have 40?

$X$  = # of cards

$$\frac{x}{2} + 13 = 40$$

$$x = 54$$

4. On Thursday Dylan bought nine songs. On Saturday half of all the songs that he had were deleted. On Sunday there were only 24 left. How many did he have on Monday?

$X$  = # of songs

$$\frac{x}{2} + 9 = 24$$

$$x = 30$$