## Pick up from the Stool

1. The start-up cost to join eTunes music is \$7.95 plus \$0.95 per song downloaded. If Will spent \$26, write and solve a linear equation to find how many songs he downloaded.

X = Songs

$$M = 0.95$$
  $b = 7.95$   
 $Y = MX + b$   
 $Y = 0.95 \times + 7.95$   
 $26 = 0.95 \times + 7.95$   
 $-7.95$   $-7.95$   
 $18.05 = 0.95 \times 0.95$   
 $0.95$   $0.95$   
 $X = 19 \text{ Songs}$ 

2. At a pet store, it costs \$5 to wash a cat and \$7.50 to wash a dog. Last week, the store made \$60 from washing cats and dogs. If 6 cats were washed, write and solve a linear equation to find how many dogs were washed.

## Linear Application STATIONS

- 1. Annotate and solve the problem at the station where your group starts
- 2. Move with your group through the stations and use a post-it note for comments on other groups' work