

### Possible Solutions

a) Dona earns \$5 per week for doing her household chores. She wants to purchase a new paint set that cost \$16.

1) If Dona saves \$3 each week, how long will it take her to save enough money to purchase the paint set?

Week 1: 3

Week 2:  $3 + 3 = 6$

Week 3:  $6 + 3 = 9$

Week 4:  $9 + 3 = 12$

Week 5:  $12 + 3 = 15$

Week 6:  $15 + 3 = 18$

Dona will have saved enough money after 6 weeks.

2) If Dona saves \$4 each week, how long will it take her to save enough money to purchase the paint set?

Week 1: 4

Week 2:  $4 + 4 = 8$

Week 3:  $8 + 4 = 12$

Week 4:  $12 + 4 = 16$

Dona will have saved enough money after 4 weeks.

b) In June, Chuck got \$50 for his birthday and put it in a bank account for saving. He will earn \$1 interest on his saving for each month after June. If Chuck does not add or remove any additional money from his savings, how much money will he have in December?

June: 50

July:  $50 + 1 = 51$

August:  $51 + 1 = 52$

September:  $52 + 1 = 53$

October:  $53 + 1 = 54$

November:  $54 + 1 = 55$

December:  $55 + 1 = 56$

Chuck will have \$56 in December.