# Daily Dilemma #15: Answer Key

1. $.12 / mi • 1256 mi = $150.72 mileage
   $12.00 / day • 14 days = $168 daily cost for 2 weeks
   total cost = $150.72 + $168 = $318.72

2.

| Morning | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| No. of pioneers | 1 | 6 | 11 | 16 | 21 | 26 |

| Morning | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|
| No. of pioneers | 31 | 36 | 41 | 46 | 51 | 56 |

On the 12$^{th}$ morning, there were 56 pioneers.

Rule: no. of pioneers = 5 • no. of mornings − 4

3. a) longest: anvil
   b) shortest: saw
   c) same length: scythe and ax
   d) Lengths can be compared by comparing the ones place and the decimal places

4. The perimeter of Ryan's floor is 10 + 7 + 10 + 7 = 34 ft.
   So, Ryan has just enough trim.

5. longest time: Hope
   third: Faith

Extra: Together, the Morris, Jones, Baker, Brown, and Welch wagons have 5 • 5 = 25 chickens. This is half of the total number of chickens. So, there are 25 • 2 = 50 chickens