

Name _____

Date _____

Advanced Operations Word Problems

1. The wheel was first documented as being used in Mesopotamia (Iraq today) in 3500 B.C. The first steam powered vehicle that used wheels was invented in 1672 A.D. How long did it take for the wheel (from being invented) to get pushed by a machine?

2. Stan is a mountain climber. He needs to climb up and over a small mountain to get to the mountain peak he wants to climb. He climbs the first mountain and ascends from 242 feet above sea level to 643 feet above sea level. He climbs 625 feet to the peak of the taller mountain. How far above sea level is he now?

3. John makes \$350 a week. He has a good amount of debt. He owes \$129 for his cable, \$693 to his credit card company, and \$376 to his landlord. In two weeks, John's 3 brothers are coming to town and will help him pay off his remaining debt at that time. How much will each brother have to chip in to satisfy all of his remaining debt at that time?

Name _____

Date _____

Answer Key

1. 5,172 years

2. 1,026 feet

3. John will make \$700 in 2 weeks.

Total debt = $\$129 + \$693 + \$376 = \$1,198$

Remaining debt = $\$1,198 - \$700 = \$498$

Share for each brother = $\$498 / 3 = \166