

## AMDM- Starters

*Please write every problem word for word and solve 😊*

**Monday, 2/25:** What is the difference between  $\frac{3}{4}\%$  of 410 and 2% of 135?

**Tuesday, 2/26:** 4 people are introduced to one another at a party. Each of the 4 shakes hands with the other 3. How many handshakes in all?

**Wednesday, 2/27:**

How long would it take \$200 to triple at a simple interest rate of 15%?

**Thursday, 2/28:**

- Please write “I ♥ math” on your starter sheet for today
- Take out your work and complete Example 20

**Monday, 3/4: Try to draw**

- 1. 3 lines with 3 intersection points**
- 2. 3 lines with 4 intersection points**

**Tuesday, 3/5: Try to draw**

- 3. 4 lines with 3 intersection points**
- 4. 4 lines with 4 intersection points**

**\*\*\*only one of #1-4 is impossible**

**Wednesday, 3/6:**

- 1. How much would \$8,000 be worth after 2 years using a simple interest rate of 7.5%?**
- 2. How much would \$8,000 be worth after two years if it is compounded annually at a rate of 7.5%?**

**Thursday, 3/7:**

**You are investing 6,000 at an interest rate of 6.25%. The banker asks how you would like your interest compounded. Which answer will earn you the most interest?**

- A. Annually**
- B. Semi-annually**
- C. Daily**
- D. Hourly**

**Monday, March 11<sup>th</sup>**

**At Lee's next birthday he will be 3 times the age of his son, Rob. Rob is now 2.5 times the age of his sister, Mary, who is 6. How old is Lee now?**

**Tuesday, March 12<sup>th</sup>**

**What is the APR if the monthly interest rate is 2.9%**

**Wednesday, March 13<sup>th</sup>**

**Find the interest amount: The average daily balance on a credit card is \$2,060.72 and the APR is 24.99%.**

**Thursday, March 14<sup>th</sup> : Write I ♥  $\pi$  !**

**Friday, March 15<sup>th</sup>: If your average daily balance last month was \$750.90 and the interest charge was \$13.89, what is the APR?**

**Monday, March 18<sup>th</sup>: Put them in order (L → R): A is between B and C. D is not next to C. C is on the far left.**

**Tuesday, March 19<sup>th</sup>:**

- You have a \$497.76 balance on your credit card
- The total credit line is \$2,500

**How much is your available credit?**

**Wednesday, March 20<sup>th</sup>: You have \$1390.54 available credit and your balance is currently \$609.46. What is your total credit line?**

**Thursday, March 20<sup>th</sup>: James has a credit line of \$10,000 and a previous balance of \$2,835.98. He made a \$550 payment and then made a \$98.71 purchase at Publix and \$55.00 purchase at the gas station. What is James' available credit?**

**Quick Quiz tomorrow! (p. 39-40)**

**Starters turned in tomorrow!**

