## Math 20 Review Scavenger Hunt Setup and Answers

**Materials:** 5 Envelopes with clues, tape to put envelopes up around the room

**Setup:** Get 5 envelopes and write one of the answers on each one (on the flap side with the flap open): 144, 135, 121, 120, -130. Print 2 pages of each clue and cut into strips. Place the clues in the proper envelope as listed below. Keep one or two of each clue out for the starting clues.

**Start each group with a different clue.** When they solve the problem they will find their answer on an envelope that holds the next clue. When they have done all 5 problems they are done.

**Place this clue in the 144 envelope:**

Answer each problem to determine the 3 digits of the next envelope:

1st digit: –6 + 7 =

2nd digit: –10 – (–13) =

3rd digit: 23 + (–18) =

**Answer: 135**

Place this clue in the 135 envelope:

Solve this problem: 

The denominator squared is the number on the next envelope.

**Answer: 121**

 Place this clue in the 121 envelope:

Juan must work 24 hours to pay the tuition for 3 college credits. If Juan plans to sign up for 15 credits at PCC in the Fall, how many hours will he need to work?

Use a proportion to solve the problem. The answer is on the next envelope.

**Answer: 120**

 Place this clue in the 120 envelope:

Solve this problem: 

The answer is the number on the next envelope.

**Answer: -130**

Place this clue in the -130 envelope:

A video game which is regularly priced at $168.44, is on sale for 10% off. You have a coupon for an additional 5% off the sale price. How much would you pay with the coupon?

Round your answer to the nearest dollar. The answer is on the next envelope.

**Answer: 144 – loop to the top envelope**

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