



4) Two angles are complementary. If one of the angles is triple the other angle, find the two angles. (Hint: complementary angles add up to 90 degrees)

5) Three angles are supplementary. The biggest angle is twice as big as the medium angle, which is three times bigger than the smallest angle. What are all three angles? (Hint: supplementary angles add up to 180 degrees)

6)  $15AB$  is a number with two missing digits, which are represented by the letters A and B. We know that  $15AB$  is divisible by 11 and 9. Find the missing digits.

7) You and your friend each have your own bag with 5 different pieces of candy.

a) How many ways can you pick three pieces of candy from your bag (in any order)?

b) How many ways can your friend pick two pieces of candy from their bag (in any order)

c) Do you notice anything surprising about the answers to these problems? What did you notice? Why do you think that happened?