### Section B: Practice Problems

1. Pens are sold in packages of 5 and also in packages of 6.
   1. Jada wants to buy 60 pens for her class. Which packages of pens and how many should Jada buy if she doesn't want any extras? Explain or show your reasoning.
   2. Han wants to buy 55 pens for his class. Which packages of pens and how many should Han buy? Explain or show your reasoning.

* (From Unit 1, Lesson 5.)
  1. Find the factor pairs of 36.
  2. How many factors does 36 have?
  3. List the factors of 15.
* (From Unit 1, Lesson 6.)

1. Select **all** numbers that are multiples of 8.
   1. 16
   2. 28
   3. 40
   4. 54
   5. 66
   6. 72
   7. 84
   8. 96

* (From Unit 1, Lesson 7.)

1. Exploration
   1. List the multiples of 2 up through 30.
   2. List the multiples of 3 up through 30.
   3. What do you notice about the numbers in the two lists?
2. Exploration

* Which number(s) from 1 to 100 have the largest number of factors? Explain or show how you know.



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