

## Section B: Practice Problems

1. Pens are sold in packages of 5 and also in packages of 6.
  - a. 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.
  
  
  
  
  
  
  
  
  
  
  - b. 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.)

2.
  - a. Find the factor pairs of 36.
  
  
  
  
  
  - b. How many factors does 36 have?
  
  
  
  
  - c. List the factors of 15.

(From Unit 1, Lesson 6.)

3. Select **all** numbers that are multiples of 8.

- A. 16
- B. 28
- C. 40
- D. 54
- E. 66
- F. 72
- G. 84
- H. 96

(From Unit 1, Lesson 7.)

**4. Exploration**

a. List the multiples of 2 up through 30.

b. List the multiples of 3 up through 30.

c. What do you notice about the numbers in the two lists?

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## 5. Exploration

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