

Name: _____
 Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet
Using Divisibility Rules for 2, 5, and 10 to Find the Common Factors of Numbers

A. Read each question and answer with either YES or NO. Write your answer on the space.

- _____ 1. Is 245 divisible by 2?
- _____ 2. Is 305 divisible by 5?
- _____ 3. Is 240 divisible by 10?
- _____ 4. Is 504 divisible by 5?

B. Read the statement carefully. Write TRUE if the statement is correct. Otherwise write FALSE.

- _____ 1. Five is a factor 553.
- _____ 2. Two is a common factor of 28 and 64.
- _____ 3. The numbers 230 and 305 are both divisible by 5 and 10.
- _____ 4. The common factors of 150 and 230 are 1, 2, 5, and 10.

C. Complete each statement. Fill in the blanks to make each statement true.

- 1. The common factors of 65 and 80 are _____ .
- 2. The common factors of 240 and 410 are _____ .

D. Read each item carefully. Circle the best answer from among the given choices.

- 1. Which of these numbers does NOT have 5 as its factor?
 - a. 20
 - b. 35
 - c. 58
 - c. 90
- 2. Which of these numbers is a factor of 35?
 - a. 2
 - b. 3
 - c. 4
 - c. 5
- 3. Which of these numbers does NOT have 5 as its factor?

Pattern 1	5, 10, 15, 20, 25, ...
Pattern 2	10, 20, 30, 40, 50, ...

The number 10 appears in both patterns.

Which of the following numbers will also appear in both patterns?

- a. 135
- b. 160
- c. 305
- c. 458

4. Which of these numbers does NOT have 5 as its factor?

Pattern 1	2, 4, 6, 8, 10, 12, ...
Pattern 2	5, 10, 15, 20, 25, ...

The number 10 appears in both patterns.

Which of the following numbers will also appear in both patterns?

- | | |
|-------|-------|
| a. 15 | c. 36 |
| b. 22 | c. 30 |