

Name/Nombre: _____ Date/Fecha: _____

FCTG

Factors

- * Factors are whole numbers that can _____ another number.
- * Example: Find all possible factors of 16.
 - ❖ Thinking about numbers that will divide into 16 evenly.
 - 1 _____ a factor of 16 because $16 \div 1 = 16$. (No remainder)
 - 2 _____ a factor of 16 because $16 \div 2 = 8$. (No remainder)
 - 4 _____ a factor of 16 because $16 \div 4 = 2$. (No remainder)
 - 16 _____ a factor of 16 because $16 \div 16 = 1$. (No remainder)
 - ❖ The factors of 16 are 1, 2, 4, and 16.
 - ❖ Numbers like 3 and 5 are NOT factors of 16 because they can not be divided evenly into 16.

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DO NOW!

List all of the factors for each number. Show all your work.

(1) 35

(2) 18

(3) 49

(4) 24

(5) 12

(6) 15

(7) 21

(8) 30