

Factoring Review

Class Practice

1. Give any two factors except 1 and the number.

- a. 16 ____, ____, b. 10 ____, ____, c. 24 ____, ____, d. 12 ____, ____,
 e. 81 ____, ____, f. 64 ____, ____, g. 36 ____, ____, h. 8 ____, ____,
 i. 48 ____, ____, j. 42 ____, ____, k. 70 ____, ____, l. 28 ____, ____,

2. Write the factors for these numbers in numerical order.

- a. 8 _____ b. 12 _____ c. 11 _____
 d. 14 _____ e. 20 _____ f. 32 _____
 g. 21 _____ h. 4 _____ i. 10 _____

3. Complete this chart.

	Numbers	Pairs of Factors	Factors	Common factors	Greatest Common factors
a.	10	(1×10) (2×5)	1, 2, 5, 10	1, 5	5
	15	(1×15) (3×5)	1, 3, 5, 15		
b.	6				
	8				
c.	9				
	21				
d.	12				
	18				
e.	15				
	25				

4. Determine the greatest common factor of the numerator and denominator.
 Try to do the factoring work mentally.

- a. $\frac{4}{8}$ gcf ____ b. $\frac{3}{9}$ gcf ____ c. $\frac{2}{4}$ gcf ____ d. $\frac{3}{15}$ gcf ____
 e. $\frac{3}{5}$ gcf ____ f. $\frac{10}{12}$ gcf ____ g. $\frac{7}{21}$ gcf ____ h. $\frac{4}{12}$ gcf ____