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 15	(1×10) (2×5) (1×15) (3×5)	1, 2, 5, 10 1, 3, 5, 15	1, 5	5
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 ___

LIVEWORKSHEETS