Math 4 Classwork #5

1. Use prime factor Venn diagrams to find GCD and LCM of …

a). … 24 and 28;

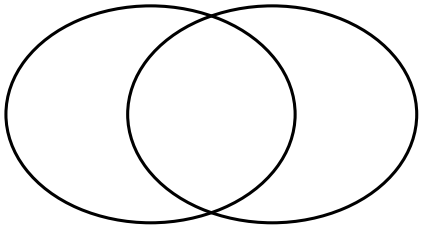
24 = _____

28 = _____

b). … 12 and 60;

24 = _____

60 = _____



GCD(24, 28) = _____

LCM(24, 28) = _____

GCD(12, 60) = _____

LCM(12, 60) = _____

2. Use the distributive property of multiplication to remove parenthesis:

$3 \cdot (\boldsymbol{x} + 3) =$ _____

$5 \cdot (7 + 2\boldsymbol{x}) =$ _____

$4 \cdot (2\boldsymbol{y} + 3) =$ _____

$4 \cdot (2\boldsymbol{y} - 3) =$ _____

$(5\boldsymbol{x} - 7) \cdot 6 =$ _____

$3 \cdot (4\boldsymbol{y} + \boldsymbol{w}) =$ _____

3. Analyze the clock game problem from HW #3.

4. Review cm, dm, mm using the notebook cover.

1 dm = _____ cm

1 m = _____ dm

1 m = _____ cm

1 cm = _____ mm

$1\ dm^2 =$ _____ cm^2

$1\ m^2 =$ _____ dm^2

$1\ m^2 =$ _____ cm^2

$1\ cm^2 =$ _____ mm^2

$1\ dm^3 =$ _____ cm^3

$1\ m^3 =$ _____ dm^3

$1\ m^3 =$ _____ cm^3

$1\ cm^3 =$ _____ mm^3

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5. **Point locator**

a. Find all points located 5 cm from point ***X***.

b. Find all points located 6 cm from point ***Y***.

c. Label all points located 5 cm from point ***X*** and 6 cm from point ***Y***.

6. Plot triangle △ABC such that |***AC***| = 4 cm, |***BC***| = 5 cm, record your algorithm.

1. _____

2. _____

3. _____

4. _____