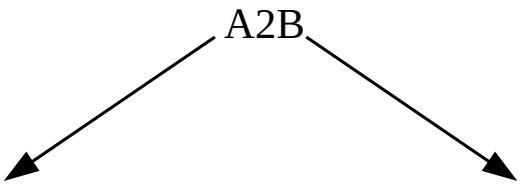
Math 4 Classwork # 3

1. Solve equations in your notebooks:

$120 - 7\boldsymbol{x} = 57$ $(\boldsymbol{y} + 7) \cdot 9 = 117$

2. List all 3-digit numbers **A2B** divisible by both 3 and 5.



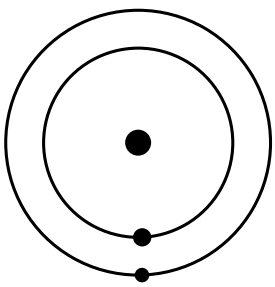
3. Use Venn Diagram to indicate which of the following numbers is divisible by 3, 5, 9:

275, 531, 135, 202, 945, 132, 363, 105

	275	531	135	202	945	132	363	105
3								
5								
9								

Factor diagrams, Common Multiples, Common Divisors.

4. Pandora and Aurora revolve around their common sun in 18 days and 15 days respectively. How often do the both return to the same locations?



Math 4 Classwork # 3

5. Make Venn Diagram to find LCM and GCD of …

a). … 15 and 12;

15 = _____

12 = _____

b). … 25 and 10;

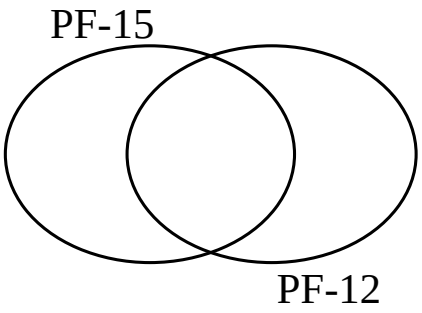
25 = _____

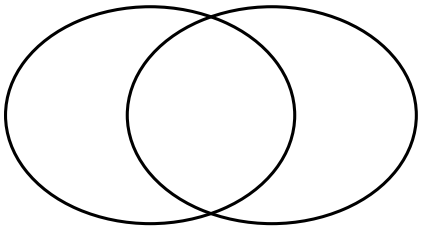
10 = _____

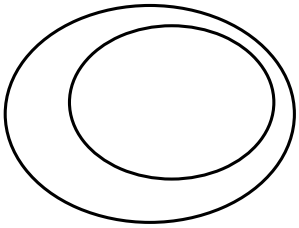
c). … 10 and 40;

10 = _____

40 = _____







d). … 16 and 25;

16 = _____

25 = _____

e). … 27 and 15

27 = _____

15 = _____

6. Additional Problems:

Planet	Year duration	Planet	Year duration
Mercury	87 days	Mars	687 days
Venus	225 days	Earth	365 days

How long will it take both Earth and Venus to return to the same positions?

How many revolution does Earth make in this time?

Math 4 Classwork # 3

Additional Problems:

7. Plot an isosceles triangle $\triangle ABC$ such that

1. $|AB| = |AC|$ and

2. $|BC| = 6$ cm

Record your algorithm:

1: _____

2: _____

3: _____

4: _____

A

B

8. Find all points on the curve ***g*** that are 5 cm away from point ***X***.