

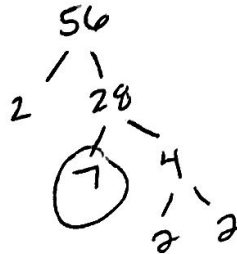
**\*Word Problems.**

19) Maggie and her sister are at a carnival. They separate from each other at the Ferris wheel at 2:00 pm, and they agree that they will each meet back at the Ferris wheel from time to time to see whether the other is ready to leave. Maggie checks back every 6 minutes and her sister, Susie, checks in every 8 minutes. At what time will they meet at the Ferris wheel again?

LCM = 24

2:24 pm

20) To win a game show, Theo must find an odd prime factor of 56. How many odd prime factors of 56 are there? Name the odd prime factors.



7 one

21) Jason is trying to make picnic lunches. He has 16 sandwiches, 24 oranges, and 32 pieces of candy. How many lunches can he make if he wants each lunch to have the same number of each kind of food and use all of the food?

GCF 8 lunches

4	16	24	32
x 2	4	6	8
8	2	3	4

22) Diane canned 18 quarts of peaches, 15 quarts of apricots, and 12 quarts of plums. She would like to place the quarts into the greatest number of boxes so that each box has the same number of quarts of each kind of fruit. How many boxes does she need?

GCF

3	18	15	12
6	5	4	

3 boxes