1. The Jelly Junior High school color is made by mixing red paint with yellow paint. The ratio of red to yellow is 3 to 5. How much red paint should be mixed with 20 oz of yellow? _____ oz

2. The Lawn Order lawnmower factory can produce 12 lawnmowers in 8 hours. How many hours will it take the factory to produce 30 lawnmowers? _____ h

3. An object that weighs 10 lb on Earth would weigh only 4 lb on Mars. If you weigh 95 lb on Earth, how much would you weigh on Mars? _____ lb

4. The ratio of orange juice to pineapple juice in Tropical Treat punch is 4 to 3. Bill has 64 oz of orange juice. How much pineapple juice does he need? _____ oz

5. A cookie recipe for 60 cookies calls for 4 cups of flour. How much flour is needed to make 90 cookies? _____ cups

6. Jose can read 7 pages of his book in 5 minutes. At this rate, how long will it take him to read the entire 175-page book? _____ min

7. While exercising, Julie found that her heart was beating 12 times every 5 seconds. How many times was it beating per minute (60 seconds)? _____

8. If there are 1,200 calories in 8 oz of hot fudge, how many calories are in 3 oz of hot fudge? _____ cal

9. At a certain college, the ratio of men to women is 6 to 5. If there are 1,500 men, how many women are there? _____

10. One of the world’s largest stained-glass windows is at Kennedy International Airport in New York. It is a rectangle with a height to length ratio of 2 to 25. If the window is 24 feet high, how long is it? _____ ft

(set up each proportion & solve)