

Word Problems Expert Worksheet

1. Tiana makes \$15 per hour when she works during the week. On the weekends, she gets \$18 per hour.
 - a) How much did Tiana earn in 1 week, if she worked 3 hours per day after school?
 - b) In that same week, Tiana also worked 5.5 hours on the weekend. How much did she earn altogether for the week?
2. Thum Thai served 4 groups of friends for dinner. 2 groups chose the Belly Banquet, which was \$37 per person, 1 group chose the Big Banquet which was \$42 per person and the last group chose the Boppa Banquet which was \$53 per person.
 - a) How many people had the Belly Banquet if it made \$444?
 - b) How much money did the Big Banquet make if there were 11 people in the group?
 - c) How many people had the Boppa Banquet if Thum Thai made a total of \$1224 for the night?
3. Lucianne and Vivian both swam the 500 metre freestyle at the swimming carnival. Lucianne swam 100 metres every 15 seconds and Vivian swam 50 metres every 10 seconds.
 - a) What was Lucianne's race time?
 - b) What was Vivian's race time?
 - c) Who was the faster swimmer?
4. Joel has purchased a movie and is downloading it onto his computer. The movie uses 850 megabytes.
 - a) How long in minutes will the download take, if it is downloading 10 megabytes every 5 seconds?
 - b) How long will it take if Joel wants to download the sequel to the movie which is 800 megabytes?
5. Roger is training for a tennis tournament. He hits 15 serves per day for a week and then moves up to 20 serves per day for the next week.
 - a. How many serves does he hit over the 2 weeks?
 - b. If he has 5 tennis balls and serves each of them the same number of times, how many times does each ball get served over the 2 weeks?
6. Stephen's family own a farm that has 12 chickens.
 - a) On Monday, each of the chickens laid 3 eggs each. How many eggs were there at the end of the day?
 - b) On Tuesday, 25% of the chickens laid 2 eggs each and the remaining 75% laid 3 eggs each. How many eggs were there at the end of the day?
 - c) Stephen's family gives 4 dozen eggs to their grandparents every 4 days. What is the least amount of eggs that the chickens can lay each day to make sure they have enough to give to their grandparents?
7. Zara just completed the 50 kilometre Mega Marathon in 5 hours and 50 minutes.
 - a) If she started at 9:30 am, what time did she finish?
 - b) How long did it take her to run each kilometre?
 - c) Assuming she ran at a steady pace, how far into the marathon was she at 12:30 pm?