Fifth Grade Example Word Problems

1. Ana has worked at her job for 6$\frac{1}{2}$ years. Each year she works 48 weeks, and each week she works 37$\frac{1}{2}$ hours. How many hours does Ana work each year?

*What information is not needed to solve the problem?*

*What information is needed to solve the problem?*

*What would you do to find the number of hours?*

*How would you estimate to check your answer?*

1. A shopping mall has 215 rows of parking spaces with 35 spaces in each row. A special permit is required to park in the first 6 spaces of 75 rows. How many parking spaces do not require a special permit?

*How can you restate this problem in different ways?*

*How can we find the total number of parking spaces?*

*So how do we find the number of parking spaces that do not require a special permit?*

1. The charge for an automobile repair was $328.50 for parts and $64 per hour for labor. The repair took 3$\frac{3}{4}$ hours. What was the total cost of the repair?

*Explain one way to solve the problem:*

*Is there another way:*

*Do they both give us the same answer?*

Story problems with adding and subtracting:

1. A $\frac{5}{8}$ -inch thick paperback book is on top of a $\frac{15}{16}$ -inch thick paperback book. What is the total thickness of the book?
2. Enrique has two packages to mail. The weight of one page is 12$\frac{1}{4}$ pounds. What is the weight of the second package if the total weight of the packages is 15$\frac{1}{8}$ pounds?
3. A shopper spent $53.50 for a sweater and a t-shirt. What was the cost of the sweater if the cost of the T-shirt was $16.50?
4. At a track and field meet, Cody’s time in a sprint event was 17.6 seconds. What was Shaina’s time if she completed the event in 1.08 fewer seconds?
5. Altogether, 91,292 people live in Waterloo and Muscatine, two cities in Iowa. The population of Waterloo is 68,406 people. What was the population of Muscatine?
6. Altogether, the further graders jumped 345,127 times. If the fifth graders had done 2,905 fewer jumps, there would have been a tie. How many jumps did the fifth graders do?
7. Walk is running to get in shape. He ran 1.5 miles the first day. On the second day, he ran 2.75 miles. How far did he run during the two days?
8. Matt is competing in the long jump event. His first jump was 3.56 m. So far, the longest jump in the event is 4.02m. How much farther must he jump to be in first place?
9. Walk is running for exercise. He ran around Lake Blue and then ran 2.75 miles home. He ran for a total of 4.25 miles. How far did he run around Lake Blue?
10. A bag contained 6$\frac{2}{3}$ cups of flour. Scott used 2$\frac{1}{3}$ cups to make some bread. How much flour was left in the bag after he made the bread?
11. Mary measured her younger brother on January 1 of this year and found that he was 40$\frac{3}{16}$ inches tall. On January 1 of last year, he was 37$\frac{15}{16}$ inches tall. How much did he grow in a year’s time?
12. Sarita has some ribbon. After she used 23.8cm of it, se had 50 cm left. How much ribbon did Sarita start with?