Mixed practice word problems

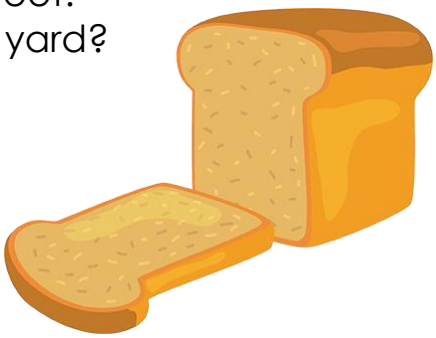
Grade 5 Math Word Problems Worksheet

1. Suppose you want to buy three loaves of bread that cost $1.50 each and a jar of peanut butter that costs $4. A jar of jelly is $2.75, but you don't need any jelly. You have $10. How much money will you have left over?

2. The star running back on our football team got most of his total yardage running. The rest was catching passes. He caught passes for 60 yards. His total yardage was 150 yards. The running back for the other team got 200 yards. How many yards did the star running back on our football team get running?

3. The average temperature in Lincoln in July is 85 degrees. Last Wednesday, it was 90 degrees. Today it was 15 degrees cooler than last Wednesday. What was the temperature today?

4. Julie's yard is rectangular. One side of the yard is 100 feet wide. The total area of the yard is 3,000 square feet.
What is the length of the other side of the yard?



5. Joanna has 3 more books in her backpack than Sophie. If Sophie has n books, how many does Joanna have?

6. Martin has a business washing cars. Last year he washed 20 cars a week. This year, he wants to increase his business to 1,200 cars a year. How many cars will he have to wash each month on average?

7. Michelle has $80 to buy a new outfit. She found a skirt for $20, a blouse for $25, and a belt for $8. How much does she have left to buy shoes?

8. In track last week, the boys ran sixteen laps. The girls ran four more laps. Each lap is a quarter of a mile. How many miles did the girls run?

Answers

1. The jelly is extra information.
   10.00 – (3 x 1.50) – 4.00
   10.00 – 4.50 – 4.00 = 1.50
   You have $1.50 left.

2. The other team is extra information.
   150 – 60 = 90
   He got 90 yards running.

3. The July temperature is extra information.
   90 – 15 = 75
   It was 75 degrees today.

4. Area = length x width
   Divide area by width to find the missing side.
   3,000 ÷ 100 = 30
   The other side is 30 feet.

5. Joanna has n + 3 books.

6. The last year part is extra information.
   1,200 ÷ 12 (months in a year) = 100
   He will have to wash 100 cars each month.

7. 80 – 20 – 25 – 8 = 27
   She has $27 left.

8. The girls ran 16 + 4 = 20 laps.
   20 x $\frac{1}{4}$ = $\frac{20}{4}$, which reduces to 5.
   The girls ran 5 miles.