Name_____Date_____

Fractions & Decimals – Review for Decimals Test – Part Two

This review sheet is meant to help you prepare for the test.
Show your work. Some problems will involve more than one operation.

1) Halima bought $16.27 worth of groceries and paid with a $20 bill. How much change did she receive?

2) Bernice bought three pounds of chicken at $4.23 per pound and 2.7 pounds of potatoes at $1.30 per pound. How much money did she spend?

3) Gasoline costs $2.51 per gallon. How much do 18 gallons of gas cost?

4) A team of 4 people ran a race together. The first person ran his part of the race in 14.36 seconds. The second person's time was 13.9 seconds. The third person and fourth person each had a time of 15 seconds. What was the total time for the team?

5) An 8.4-ounce bag of candy costs $1.26. At this rate, how much would one ounce of candy cost?

6) From your 8.4 ounces of candy in #5, you give 2.55 ounces to a friend. How many ounces of candy do you still have?

7) You are installing baseboards in a room. The lengths needed for each wall are 10.3 meters, 8.14 meters, 10.3 meters, and 7 meters. What is the total length of baseboard needed?

8) When you go to bed one night, you notice that the snow on the ground is 3.51 centimeters thick. It snows overnight and when you wake up in the morning, the snow is 8 centimeters thick. How much did it snow overnight?

9) The baseboards from #7 are sold at a price of $4.60 for 2.5 meters. How much would 1 meter of baseboard cost?

10) It takes a runner 6.5 minutes to go one mile. How long will it take her to run a race that is 6.2 miles?

Decimals Review - Part Two

ANSWERS

1) Subtract

$$\boxed{\$3.73}$$

2) Chicken

$$3 \text{ pounds} \times \frac{\$4.23}{1 \text{ pound}} = \$12.69$$

Potatoes

$$2.7 \text{ pounds} \times \frac{\$1.30}{1 \text{ pound}} = \$3.51$$

Total → $\$12.69 + \$3.51 = \boxed{\$16.20}$

3) $18 \text{ gallons} \times \frac{\$2.51}{1 \text{ gallon}} = \boxed{\$45.18}$

4) Add

$$14.36 + 13.9 + 15 + 15$$

$$\boxed{58.26 \text{ seconds}}$$

5) $1 \text{ ounce} \times \frac{\$1.26}{8.4 \text{ ounces}} = \boxed{\$0.15}$

(or 15 cents)

6) Subtract

$$\boxed{5.85 \text{ ounces}}$$

7) Add

$$\boxed{35.74 \text{ meters}}$$

8) Subtract

$$\boxed{4.49 \text{ centimeters}}$$

9) $1 \text{ meter} \times \frac{\$4.60}{2.5 \text{ meters}} = \boxed{\$1.84}$

10) $6.2 \text{ miles} \times \frac{6.5 \text{ minutes}}{1 \text{ mile}} = \boxed{40.3 \text{ minutes}}$