

## Content HW\_Grade-5\_Decimals

Word Problems on Addition & Subtraction

1.

Chana has 3 packages of cheese weighing 0.24 lb, 0.69 lb, and 0.8 lb, respectively. How many pounds of cheese does she have?

2.

Aldo ran 9.8 mi, Greg ran 13.7 mi, and Victor ran 12.5 mi. What was the total distance for the three?

3.

The length of a paramecium is about 0.24 mm and an amoeba is about 0.47 mm long. Find the difference in their lengths.

4.

Dean had 2.75 qt of paint. He used some and had 0.6 qt left. How much paint did he use?

5.

Andy buys 1.05 kg of organic oranges and 0.96 kg of organic grapefruit. What is the total mass of the fruit Andy bought?

6.

Alma buys four organic apples. They have masses of 154.5 g, 120 g, 127.72 g, and 151.19 g. What is the total mass of the apples?

7.

Val ran the first 100 meters of a 200-meter dash in 15.34 seconds. She ran the next 100 meters in 16.9 seconds. What was Val's time in the 200-meter dash?

8.

The times for the 4 legs of a relay race were 10.9 seconds, 12.74 seconds, 11.08 seconds, and 10.06 seconds. How long did it take to run the race?

9.

The table shows online sales totals for 2004 and 2005.

Use the table to answer exercises 17–19.

17. What is the difference in sporting goods sales from 2004 to 2005?

18. Which type of merchandise had a greater sales difference between 2004 and 2005?

19. Which year had greater total sales, 2004 or 2005? Explain how you know.

| Total Online Sales: 2004 vs. 2005 |             |             |
|-----------------------------------|-------------|-------------|
| Merchandise                       | 2004        | 2005        |
| Books and Magazines               | \$1,961,000 | \$2,143,000 |
| Music and Videos                  | \$1,598,000 | \$1,733,000 |
| Sporting Goods                    | \$1,031,000 | \$1,155,000 |
| Toys and Games                    | \$1,321,000 | \$1,638,000 |

10.

Ellie gets her car's oil changed every 4,500 miles. Her last oil change was done at 33,798.7 miles. What will the odometer read when Ellie needs to get her next oil change?