Name: _____

Find each sum

1.) 54.7 + 21.4   2.) 14.2 + 23.5   3.) 17.3 + 33.5

Find each difference

1.) 9.543 – 3.671   2.) $50.62 - $39.81   3.) 14 – 9.09

Word Problems

1.) In two months, Mica spent a total of $305.43 on groceries. She spent $213.20 in the first month. How much did she spend in the second month?

2.) A had costs $10.95 and a T-shirt costs $14.20. How much change will you receive if you pay for both items with a $50 bill?

3.) Grayson is making a snack mix for his family camping trip. He added 14.25 ounces of peanuts to 27.35 ounces of granola. How many ounces of snack mix does he have?

4. Collin needs three wooden boards to repair his porch. The lengths he needs are 2.2 meters, 2.82 meters, and 4.25 meters. He purchases a board that is 10 meters long and cuts the three sections. How much of the board that Collin purchased will be left?

Estimate each product

1.) 9.6 • 1.8 2.) 4.2 • 3.1 3.) 68.4 • 21.3

Word Problems

1.) Earth is rotating around the Sun about 18.6 miles per second. About how many miles does it travel in 4.8 seconds?

2.) The average walking speed of a person is 4.8 kilometers per hour. Estimate the number of kilometer could you walk in 3 hours?

3.) A King Palm can grow about 2.1 feet a year. Estimate the height of the King Palm after 15 years?

4.) On average, the U.S. produces 36.5 million tons of fruit each year. About how much fruit does it produce in 2.25 years?

5.) Lisha is making headbands using ribbon. She would like to make 12 headbands. Each one requires 15.5 inches of ribbon, She estimates that she will need to buy 160 inches of ribbon. Is her estimate reasonable? Explain your reasoning.

_____
_____
_____

Find the product

1.) 5.7 • 2.8

2.) 4.12 • 0.05

3.) 0.014 • 3.7

4.) 0.04 • 0.32

5.) 0.26 • 0.205

6.) 1.33 • 0.06

7.) 2.7 • 1.35

8.) 27.43 • 1.089

9.) 14.7 • 11.361

10.) A nutrition label indicates that one serving of apple crisp oatmeal has 2.5 grams of fat. How many grams of fat are there in 3.75 servings?

11.) A mile is equal to approximately 1.609 kilometers. How many kilometers is 2.5 miles?

12.) Katelyn has a vegetable garden that measures 16.75 feet in length and 5.8 feet in width. Find the area of the garden.

13.) The grocery store is selling bananas for $0.35 per pound . How much will Zack pay for 3.6 pounds of bananas?

14.) A turtle can walk up to 0.69 miles per hour. At this rate, how far could a turtle walk in 1.75 hours?

15.) Pears cost $0.92 per pound and apples cost $1.10 per pound. Mr. Bonilla bought 3.75 pounds of pears and 2.1 pounds of apples. How much did he pay for the pears and apples?

16.) Renaldo can rollerblade 9.7 miles per hour. At this rate, how far will he rollerblade in 0.75 hour?

17.) A soccer ball and 12 golf balls have a total mass of 1 kilogram. The mass of each golf ball is about 0.046 kilogram. What is the mass of the soccer ball?

Find each quotient

1.) $174 \div 6$

2.) $453 \div 8$

3.) $645 \div 43$

4.) $299 \div 21$

5.) $8,090 \div 62$

6.) $2,480 \div 31$

7.) $5,780 \div 34$

8.) $3,482 \div 16$

9.) A tour bus travels 2,160 miles in 36 hours. What is the average distance the bus travels in one hour?

10.) A charity sold 475 tickets to a dinner auction. If the charity raised $16,625 in ticket sales, what was the cost of one ticket?

11.) A city phone book has 86 pages filled with residents' names. There are a total of 15,050 names in the book. Each page has an equal number of names on it. How many names are on each page?

12.) A city library has 9,440 nonfiction books. The librarian wants to divide the books evenly among 80 shelves. How many books will be on each shelf?

13.) The dance team recently purchased 25 pairs of new boots for $1,350. What was the price of each pair of boots?

14.) A toy factory assembles 19,824 toy castles of a 12 hour period of time. The same number of castles is assembled every hour. How many toy castles were assembled each hour?

Estimate each quotient

1.) $32.4 \div 3$

2.) $45.8 \div 23.6$

3.) $119 \div 23.2$

4.) The average annual snowfall in King Salmon, Alaska, is 45.9 inches. The snow season lasts about 7 months of the year. About how much snow does the area receive on average each month?

5.) Scientists at the zoo recently studied an anaconda that weighs 8,643.2 ounces. The average weight of the common rat is 11.8 ounces. About how many times heavier is the anaconda than the common rat?
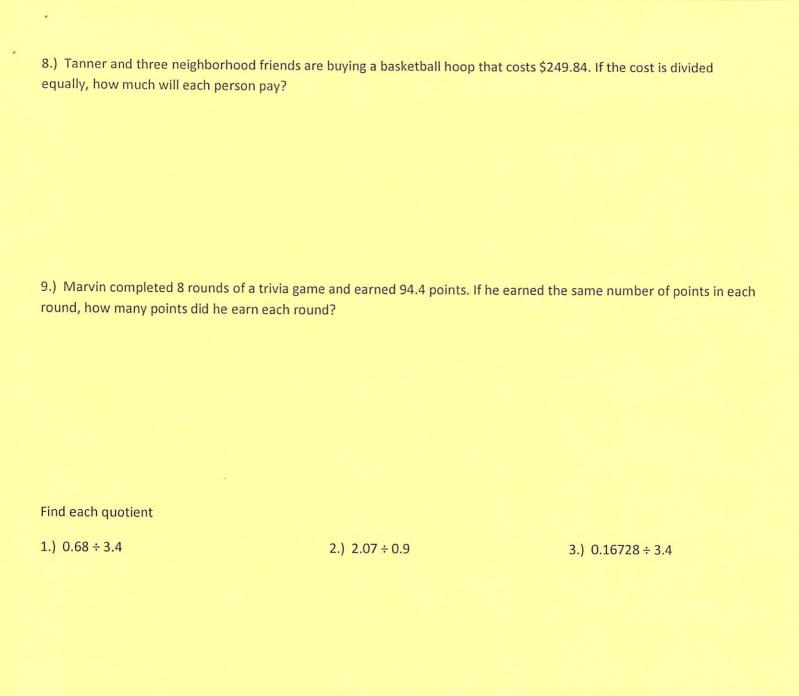
6.) Aurelia would like to same $474.72 in a year to purchase a new video camera. She estimates she needs to save $40 per month. Is her estimate reasonable? Explain why.

_____
_____
_____
_____
_____

Find each quotient

1.) $124.2 \div 9$

2.) $6.271 \div 4$

3.) $10.22 \div 14$

4.) $59.84 \div 32$

5.) $751.2 \div 25$

6.) The Franklin Middle School jazz band plans to have a car wash to raise $468.75 for a new sound system. In the past, they washed an average of 125 cars at each car wash. What should they charge per car so that they reach their goal?

7.) Marcel Park is weeding the rectangular vegetable garden. The garden has an area of 599.5 square feet. If the garden is 22 feet wide, how long is the garden? (A=lw)

8.) Tanner and three neighborhood friends are buying a basketball hoop that costs $249.84. If the cost is divided equally, how much will each person pay?

9.) Marvin completed 8 rounds of a trivia game and earned 94.4 points. If he earned the same number of points in each round, how many points did he earn each round?

Find each quotient

1.) $0.68 \div 3.4$

2.) $2.07 \div 0.9$

3.) $0.16728 \div 3.4$

4.) $1.08 \div 2.7$

5.) $8.4 \div 0.02$

6.) $0.242 \div 0.4$

7.) A submarine sandwich that is 1.5 feet long is cut into 0.25-foot pieces. How many pieces will there be?

8.) Ava paid $4.90 for 2.5 pounds of walnuts. What is the cost of one pound of walnuts?

9.) Max bicycled 6.25 miles in 30.5 minutes. On average, how far did he bicycle each minute?

10.) About 24.8 million people live in Texas. About 0.6 million people live in Vermont. How many times as many people live in Texas than in Vermont?