Name: .... Class: ....

Divide decimals by whole numbers - word problems

1. Kevin drove from Selma to Alexander city on a **150.36 km** trip in **135 minutes**. Find the average number of kilometers he covered per minute. Round your answer to the nearest ten-thousandths.

2. A merchant bought **12 pounds of apples** from a fruit vendor for **$50.98**. How much does a pound of apple cost ? Round your answer to the nearest hundreth.

3. Liam is practicing for the next Olympic games. For the past **20 days**, he has ran a total of **241.52 miles**. How many miles did he cover per day?

4. Mrs. Mia bought **9 watermelons** that weigh a total of **221.04 pounds** from a super market. Find the average weight of one watermelon.

5. In three years, a human hair grows to a total length of about 45.5 centimeters. To the nearest hundredth, how many centimeters does a human hair grow per month?

6. A truck transported 15 bags of cement that weighed a total of 1,484.99 kilograms. What was the weight of each bag of cement? Round your answer to the nearest whole number.

7. A candy company makes 826.564 pounds of candy in 0.15 hours. How many pounds of candy, on average does the company make per minute? Give your answer to two decimal places.

8. Zoey is a very talented event planner. She has a piece of ribbon that is 3,075.00 centimeters long. She wants to divide the ribbon into 9 equal pieces to decorate tables for an event. To the nearest hundredth, how long in meters will each piece of ribbon be?

Name: .... Class: ....

Divide decimals by whole numbers - word problems

1. Kevin drove from Selma to Alexander city on a **150.36 km** trip in **135 minutes**. Find the average number of kilometers he covered per minute. Round your answer to the nearest ten-thousandths.

▸ From Selma to Alexander city: 150.36 km

▸ Time set: 135 minutes

$$\frac{150.36}{135} = 1.113\overline{777}$$

To nearest ten-thousandths, Kevin covered a distance of 1.1138 km per minute.

2. Therefore to the nearest hundreth, a pound of apple cost $4.25.

3. Liam covered 12.076 miles per day.

4. The average weight of a watermelon is 24.56 pounds.

5. A human hair grows 1.52cm (to the nearest hundredth) per month.

6. Each bag of cement weighs 99kg (to the nearest whole number).

7. The company makes 91.84 pounds (to two decimals places) of candy per minute.

8. Each piece of ribbon is 3.42 meters (to the nearest hundredth).