Solve each problem.

Ex) John filled a pitcher up 0.34 full then poured 0.6 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

1) An old road was 4.99 miles long. After a renovation it was 4.94 times as long. How long was the road after the renovation?

2) An adult turtle weighed 2.9 grams. How much would 3 adult turtles weigh?

3) A box of sunflower seeds weighed 2.63 kilograms. If a store sold 0.32 of the box, how much did they sell (in kilograms)?

4) A geologist had two rocks on a scale that weighed 2.9 kilograms together. Rock A was 0.4 of the total weight. How much did rock A weigh?

5) A new washing machine used 3.2 liters of water per full load to clean clothes. If John washed 3.05 loads of clothes, how many liters of water would be used?

6) A water pitcher could hold 0.9 of a gallon of water. If John filled up 4 pitchers, how much water would he have?

7) For Halloween 0.71 of the candy sold was chocolate. Of the chocolate candy sold 0.8 was made by Nestle. What amount of all the candy sold was chocolate and made by Nestle?

8) An old wooden post was 4.8 meters long. If you were to cut off 0.2 of it, how much would you have cut off?

9) For a party John bought cupcakes with 0.14 being chocolate. Of the chocolate cupcakes 0.48 of them had sprinkles. What amount of the total cupcakes bought were chocolate with sprinkles?

10) On Monday it snowed 2 centimeters. The next day it snowed 0.3 that amount. How much did it snow on the second day?

Answers

Ex. 0.204

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Multiplying Decimals

Name: **Answer Key**

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Answers

Ex. 0.204

1. 24.6506

2. 8.7

3. 0.8416

4. 1.16

5. 9.76

6. 3.6

7. 0.568

8. 0.96

9. 0.0672

10. 0.6

1-10	90	80	70	60	50	40	30	20	10	0