Multiplying Decimals

Name: _____

Solve each problem.

Ex) A box of pencils weighed 2.4 grams. If a principal ordered 2 boxes, how much would they weigh?

Ex. _____ **4.8**

1) A box of markers weighed 3.84 kilograms. If a teacher took out 0.7 of the markers, what is the weight of the markers she took out?

1. _____

2. _____

2) Jerry had a lump of play doh that was 2.6 centimeters long. If he stretched it out to 2 times its current length how long would it be?

3. _____

4. _____

3) A country road was 3.88 miles long. If 0.2 of it was paved with cement how long was the paved part?

5. _____

6. _____

4) A water pitcher could hold 0.2 of a gallon of water. If Jerry filled up 4 pitchers, how much water would he have?

7. _____

8. _____

5) On Halloween 3 friends each received 0.5 of a pound of candy. How much candy did they receive total?

9. _____

10. _____

6) A farmer gives each of his horses 0.24 of a salt lick a month. If he has 2 horses, how many salt licks does he use a month?

7) On Monday Jerry picked up 0.5 of a kilogram of cans to recycle. On Tuesday he picked up 0.70 that amount. How much did Jerry pick up on Tuesday?

8) A baby frog weighed 2.7 grams. After a month it was 3.41 times as heavy, how much did the frog weigh after a month?

9) Each day a carwash used 4.38 liters of soap. After 4 days, how much soap would they have used?

10) Rachel needed a piece of string to be exactly 3.1 meters long. If the string she has is 4.18 times as long as it should be, how long is the string?

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Solve each problem.

Ex) A box of pencils weighed 2.4 grams. If a principal ordered 2 boxes, how much would they weigh?

Ex. __**4.8**__

1) A box of markers weighed 3.84 kilograms. If a teacher took out 0.7 of the markers, what is the weight of the markers she took out?

1. __**2.688**__

2. __**5.2**__

2) Jerry had a lump of play doh that was 2.6 centimeters long. If he stretched it out to 2 times its current length how long would it be?

3. __**0.776**__

4. __**0.8**__

3) A country road was 3.88 miles long. If 0.2 of it was paved with cement how long was the paved part?

5. __**1.5**__

6. __**0.48**__

4) A water pitcher could hold 0.2 of a gallon of water. If Jerry filled up 4 pitchers, how much water would he have?

7. __**0.35**__

8. __**9.207**__

5) On Halloween 3 friends each received 0.5 of a pound of candy. How much candy did they receive total?

9. __**17.52**__

10. __**12.958**__

6) A farmer gives each of his horses 0.24 of a salt lick a month. If he has 2 horses, how many salt licks does he use a month?

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