Multiplying Decimals

Name:

Solve each problem.

Answers

Ex) Oliver had a lump of play doh that was 3.57 centimeters long. If he stretched it out to 4 times its current length how long would it be?

Ex. ____**14.28**____

1) For Halloween 0.3 of the candy sold was chocolate. Of the chocolate candy sold 0.01 was made by Nestle. What amount of all the candy sold was chocolate and made by Nestle?

1. _____

2. _____

2) A restaurant had 4 full boxes of spoons. If each full box weighed 3.62 kilograms, what is the combined weight of the boxes the restaurant has?

3. _____

4. _____

3) Rachel made spicy and regular chili for the chili cook-off. She made enough spicy to fill up 0.6 of a pot. If she made 3 times as much regular chili, how many pots of regular did she have?

5. _____

6. _____

4) Oliver ran 2 miles on his first day of training. The next day he ran 0.62 that distance. How far did he run the second day?

7. _____

8. _____

5) An old wooden post was 4.9 meters long. If you were to cut off 0.36 of it, how much would you have cut off?

9. _____

10. _____

6) A single box of thumb tacks weighed 2.7 grams. If a teacher had 3.71 boxes, how much would their combined weight be?

7) An old road was 2.82 miles long. After a renovation it was 4.8 times as long. How long was the road after the renovation?

8) A full container of industrial cleaning solution had 3.78 liters of liquid. If the container was only 0.74 full, how many liters are in there?

9) A country road was 4.7 miles long. If 0.33 of it was paved with cement how long was the paved part?

10) A musician's hair was originally 4 centimeters long. She asked her hair dresser to cut 0.45 of it off. How many centimeters did she have cut off?

Solve each problem.

Answers

Ex) Oliver had a lump of play doh that was 3.57 centimeters long. If he stretched it out to 4 times its current length how long would it be?

Ex. ___**14.28**___

1) For Halloween 0.3 of the candy sold was chocolate. Of the chocolate candy sold 0.01 was made by Nestle. What amount of all the candy sold was chocolate and made by Nestle?

1. ___**0.003**___

2) A restaurant had 4 full boxes of spoons. If each full box weighed 3.62 kilograms, what is the combined weight of the boxes the restaurant has?

2. ___**14.48**___

3. ___**1.8**___

3) Rachel made spicy and regular chili for the chili cook-off. She made enough spicy to fill up 0.6 of a pot. If she made 3 times as much regular chili, how many pots of regular did she have?

4. ___**1.24**___

5. ___**1.764**___

4) Oliver ran 2 miles on his first day of training. The next day he ran 0.62 that distance. How far did he run the second day?

6. ___**10.017**___

7. ___**13.536**___

5) An old wooden post was 4.9 meters long. If you were to cut off 0.36 of it, how much would you have cut off?

8. ___**2.7972**___

9. ___**1.551**___

6) A single box of thumb tacks weighed 2.7 grams. If a teacher had 3.71 boxes, how much would their combined weight be?

10. ___**1.8**___

7) An old road was 2.82 miles long. After a renovation it was 4.8 times as long. How long was the road after the renovation?

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