Multiplying Decimals

Name:

Solve each problem.

Ex) A taco recipe called for 2.33 cups of meat per taco. If Robin wanted to make 4 tacos, how much meat would she need?

Ex. _____ **9.32**

1) A bakery used 4 cups of flour to make a full size cake. If they wanted to make a cake that was 0.37 the size, how many cups of flour would they need?

1. _____

2. _____

2) A country road was 2.78 miles long. If 0.8 of it was paved with cement how long was the paved part?

3. _____

4. _____

3) After a dinner party there was 0.8 of a pot of stew leftover. If the Dave gave 0.7 of the leftover to Robin, how much of the original pot did he give to her?

5. _____

6. _____

4) It takes 0.59 of a box of nails to build a bird house. If you wanted to build 4 bird houses, how much would you need?

7. _____

8. _____

5) Dave had a bucket that was 0.5 full of apples. He ended up throwing out 0.27 of them though because they were bad. Out of the total amount Dave had how many of them were bad?

9. _____

10. _____

6) A full container of industrial cleaning solution had 3.4 liters of liquid. If the container was only 0.37 full, how many liters are in there?

7) A bottle of home-made cleaning solution took 3.1 milliliters of lemon juice. If Robin made 4.1 bottles, how many milliliters of lemon juice did she use?

8) Robin needed 4.6 meters of thread to finish a pillow she was making. If she has 3 times as much thread as she needs, what is the length of the thread she has?

9) A new dish washing machine used 4.14 liters of water per full load to clean dishes. If Dave washed 0.9 of a load, how many liters of water would be used?

10) A new washing machine used 3.40 liters of water per full load to clean clothes. If Dave washed 2.59 loads of clothes, how many liters of water would be used?

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

Math

Solve each problem.

Ex) A taco recipe called for 2.33 cups of meat per taco. If Robin wanted to make 4 tacos, how much meat would she need?

Ex. **9.32**

1) A bakery used 4 cups of flour to make a full size cake. If they wanted to make a cake that was 0.37 the size, how many cups of flour would they need?

1. **1.48**

2. **2.224**

2) A country road was 2.78 miles long. If 0.8 of it was paved with cement how long was the paved part?

3. **0.56**

4. **2.36**

3) After a dinner party there was 0.8 of a pot of stew leftover. If the Dave gave 0.7 of the leftover to Robin, how much of the original pot did he give to her?

5. **0.135**

6. **1.258**

4) It takes 0.59 of a box of nails to build a bird house. If you wanted to build 4 bird houses, how much would you need?

7. **12.71**

8. **13.8**

5) Dave had a bucket that was 0.5 full of apples. He ended up throwing out 0.27 of them though because they were bad. Out of the total amount Dave had how many of them were bad?

9. **3.726**

10. **8.806**

6) A full container of industrial cleaning solution had 3.4 liters of liquid. If the container was only 0.37 full, how many liters are in there?

7) A bottle of home-made cleaning solution took 3.1 milliliters of lemon juice. If Robin made 4.1 bottles, how many milliliters of lemon juice did she use?

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