Multiplying Decimals

Name:

Solve each problem.

1) A bakery used 2 cups of flour to make a full size cake. If they wanted to make a cake that was 0.6 the size, how many cups of flour would they need?

2) Henry had a lump of silly putty that was 3.4 centimeters long. If he stretched it out to 2.82 times its current length how long would it be?

3) A box of markers weighed 4.7 kilograms. If a teacher took out 0.7 of the markers, what is the weight of the markers she took out?

4) At the malt shop a large chocolate shake takes 0.3 of a pint of milk. If the medium shake takes 0.1 the amount of a large, how much does the medium shake take?

5) Henry had a bucket that was 0.1 full of apples. He ended up throwing out 0.5 of them though because they were bad. Out of the total amount Henry had how many of them were bad?

6) Each day a carwash used 4.68 liters of soap. After 3 days, how much soap would they have used?

7) Isabel had a piece of thread exactly 3.96 yards long. After doing some sewing, she had 0.93 the original amount left. How much does she have left?

8) Isabel needed 3.8 meters of thread to finish a pillow she was making. If she has 2 times as much thread as she needs, what is the length of the thread she has?

9) Isabel was packing up some of her old stuff into a box. If each box could hold 0.02 of a pound and she packed 4 boxes, how much weight did she pack?

10) A new washing machine used 4.99 liters of water per full load to clean clothes. If Henry washed 4.8 loads of clothes, how many liters of water would be used?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Math

Name:

Solve each problem.

Answers

1) A bakery used 2 cups of flour to make a full size cake. If they wanted to make a cake that was 0.6 the size, how many cups of flour would they need?

1. __**1.2**__

2) Henry had a lump of silly putty that was 3.4 centimeters long. If he stretched it out to 2.82 times its current length how long would it be?

2. __**9.588**__

3. __**3.29**__

3) A box of markers weighed 4.7 kilograms. If a teacher took out 0.7 of the markers, what is the weight of the markers she took out?

4. __**0.03**__

5. __**0.05**__

4) At the malt shop a large chocolate shake takes 0.3 of a pint of milk. If the medium shake takes 0.1 the amount of a large, how much does the medium shake take?

6. __**14.04**__

7. __**3.6828**__

5) Henry had a bucket that was 0.1 full of apples. He ended up throwing out 0.5 of them though because they were bad. Out of the total amount Henry had how many of them were bad?

8. __**7.6**__

9. __**0.08**__

6) Each day a carwash used 4.68 liters of soap. After 3 days, how much soap would they have used?

10. __**23.952**__

7) Isabel had a piece of thread exactly 3.96 yards long. After doing some sewing, she had 0.93 the original amount left. How much does she have left?

8) Isabel needed 3.8 meters of thread to finish a pillow she was making. If she has 2 times as much thread as she needs, what is the length of the thread she has?

9) Isabel was packing up some of her old stuff into a box. If each box could hold 0.02 of a pound and she packed 4 boxes, how much weight did she pack?

10) A new washing machine used 4.99 liters of water per full load to clean clothes. If Henry washed 4.8 loads of clothes, how many liters of water would be used?

Math