Multiplying Decimals

Name:

Solve each problem.

Ex) Carol needed 4.9 meters of thread to finish a pillow she was making. If she has 4 times as much thread as she needs, what is the length of the thread she has?

Ex. _____**19.6**_____

1. _____

1) George filled a pitcher up 0.1 full then poured 0.2 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

2. _____

3. _____

2) At the malt shop a large chocolate shake takes 0.45 of a pint of milk. If the medium shake takes 0.35 the amount of a large, how much does the medium shake take?

4. _____

3) On Monday it snowed 4 centimeters. The next day it snowed 0.79 that amount. How much did it snow on the second day?

5. _____

6. _____

4) For a party George bought cupcakes with 0.7 being chocolate. Of the chocolate cupcakes 0.33 of them had sprinkles. What amount of the total cupcakes bought were chocolate with sprinkles?

7. _____

8. _____

5) A baby frog weighed 4.6 grams. After a month it was 4.97 times as heavy, how much did the frog weigh after a month?

9. _____

10. _____

6) A batch of donuts required 3.6 pints of glaze. If a donut store was making 0.9 of a batch, how much glaze would they need?

7) A box of sunflower seeds weighed 3.6 kilograms. If a store sold 0.6 of the box, how much did they sell (in kilograms)?

8) Carol can read 4.1 pages of a book in a minute. If she read for 2.57 minutes, how much would she have read?

9) Each day a company used 0.33 of a box of paper. How much would they have used after 4 days?

10) Each day a carwash used 4.54 liters of soap. After 3 days, how much soap would they have used?

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

Name:

Solve each problem.

Answers

Ex) Carol needed 4.9 meters of thread to finish a pillow she was making. If she has 4 times as much thread as she needs, what is the length of the thread she has?

Ex. **19.6**

1) George filled a pitcher up 0.1 full then poured 0.2 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

1. **0.02**

2) At the malt shop a large chocolate shake takes 0.45 of a pint of milk. If the medium shake takes 0.35 the amount of a large, how much does the medium shake take?

2. **0.1575**

3. **3.16**

3) On Monday it snowed 4 centimeters. The next day it snowed 0.79 that amount. How much did it snow on the second day?

4. **0.231**

5. **22.862**

4) For a party George bought cupcakes with 0.7 being chocolate. Of the chocolate cupcakes 0.33 of them had sprinkles. What amount of the total cupcakes bought were chocolate with sprinkles?

6. **3.24**

7. **2.16**

8. **10.537**

5) A baby frog weighed 4.6 grams. After a month it was 4.97 times as heavy, how much did the frog weigh after a month?

9. **1.32**

10. **13.62**

6) A batch of donuts required 3.6 pints of glaze. If a donut store was making 0.9 of a batch, how much glaze would they need?

7) A box of sunflower seeds weighed 3.6 kilograms. If a store sold 0.6 of the box, how much did they sell (in kilograms)?

8) Carol can read 4.1 pages of a book in a minute. If she read for 2.57 minutes, how much would she have read?

9) Each day a company used 0.33 of a box of paper. How much would they have used after 4 days?

10) Each day a carwash used 4.54 liters of soap. After 3 days, how much soap would they have used?