

**Solve each problem.****Answers**

Ex) A industrial machine uses 0.8 of a meter of thread to make a full size towel. If a smaller towel takes 0.2 the amount of a full size towel, how much thread does a small towel take?

Ex. 0.16

1) A bakery used 2 cups of flour to make a full size cake. If they wanted to make a cake that was 0.74 the size, how many cups of flour would they need?

1. _____

2) On Monday John picked up 0.10 of a kilogram of cans to recycle. On Tuesday he picked up 0.93 that amount. How much did John pick up on Tuesday?

2. _____

3) Each day a company used 0.5 of a box of paper. How much would they have used after 3 days?

3. _____

4) A box of pencils weighed 4.9 grams. If a principal ordered 3 boxes, how much would they weigh?

4. _____

5) A baby frog weighed 4.52 grams. After a month it was 2.15 times as heavy, how much did the frog weigh after a month?

5. _____

6) A full container of industrial cleaning solution had 3.5 liters of liquid. If the container was only 0.74 full, how many liters are in there?

6. _____

7) A bottle of home-made cleaning solution took 3.68 milliliters of lemon juice. If Katie made 2.32 bottles, how many milliliters of lemon juice did she use?

7. _____

8) For a party John bought cupcakes with 0.9 being chocolate. Of the chocolate cupcakes 0.3 of them had sprinkles. What amount of the total cupcakes bought were chocolate with sprinkles?

8. _____

9) A new dish washing machine used 3.16 liters of water per full load to clean dishes. If John washed 0.47 of a load, how many liters of water would be used?

9. _____

10) An industrial dishwasher takes 3.97 liters of water to wash a full load of dishes. If you were to wash full loads, how much water would you use?

10. _____

**Solve each problem.**

Ex) A industrial machine uses 0.8 of a meter of thread to make a full size towel. If a smaller towel takes 0.2 the amount of a full size towel, how much thread does a small towel take?

AnswersEx. 0.16

1) A bakery used 2 cups of flour to make a full size cake. If they wanted to make a cake that was 0.74 the size, how many cups of flour would they need?

1. 1.48

2) On Monday John picked up 0.10 of a kilogram of cans to recycle. On Tuesday he picked up 0.93 that amount. How much did John pick up on Tuesday?

2. 0.093

3) Each day a company used 0.5 of a box of paper. How much would they have used after 3 days?

3. 1.5

4) A box of pencils weighed 4.9 grams. If a principal ordered 3 boxes, how much would they weigh?

4. 14.7

5) A baby frog weighed 4.52 grams. After a month it was 2.15 times as heavy, how much did the frog weigh after a month?

5. 9.718

6) A full container of industrial cleaning solution had 3.5 liters of liquid. If the container was only 0.74 full, how many liters are in there?

6. 2.59

7) A bottle of home-made cleaning solution took 3.68 milliliters of lemon juice. If Katie made 2.32 bottles, how many milliliters of lemon juice did she use?

7. 8.5376

8) For a party John bought cupcakes with 0.9 being chocolate. Of the chocolate cupcakes 0.3 of them had sprinkles. What amount of the total cupcakes bought were chocolate with sprinkles?

8. 0.27

9) A new dish washing machine used 3.16 liters of water per full load to clean dishes. If John washed 0.47 of a load, how many liters of water would be used?

9. 1.4852

10) An industrial dishwasher takes 3.97 liters of water to wash a full load of dishes. If you were to wash full loads, how much water would you use?

10. 15.88