

**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 0.4 the size, how many cups of flour would they need?
- 2) On Monday George picked up 0.7 of a kilogram of cans to recycle. On Tuesday he picked up 0.32 that amount. How much did George pick up on Tuesday?
- 3) Janet can type 4.10 sentences per minute. If she typed for 2 minutes, how much would she have typed?
- 4) A geologist had two rocks on a scale that weighed 4.6 kilograms together. Rock A was 0.5 of the total weight. How much did rock A weigh?
- 5) A baby frog weighed 3.7 grams. After a month it was 3.8 times as heavy, how much did the frog weigh after a month?
- 6) A full container of industrial cleaning solution had 2.3 liters of liquid. If the container was only 0.4 full, how many liters are in there?
- 7) Janet had a piece of thread exactly 4.9 yards long. After doing some sewing, she had 0.8 the original amount left. How much does she have left?
- 8) Janet needed 3.6 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?
- 9) A box of folders weighs 3.44 kilograms. If you have 4 boxes, how much would they weigh?
- 10) A new washing machine used 4.71 liters of water per full load to clean clothes. If George washed 2.96 loads of clothes, how many liters of water would be used?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
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**Answers**

1. 0.8
2. 0.224
3. 8.2
4. 2.3
5. 14.06
6. 0.92
7. 3.92
8. 14.4
9. 13.76
10. 13.9416