Name:
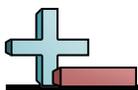
**Solve each problem.**

1) At the zoo the polar bears are fed 0.77 bucket of fish a day. The penguins are fed 0.8 that amount. How much of a bucket are the penguins fed?

2) On Monday George picked up 0.5 of a kilogram of cans to recycle. On Tuesday he picked up 0.5 that amount. How much did George pick up on Tuesday?

3) Janet can read 2.95 pages of a book in a minute. If she read for 4.7 minutes, how much would she have read?

4) A geologist had two rocks on a scale that weighed 4.80 kilograms together. Rock A was 0.5 of the total weight. How much did rock A weigh?

5) A baby frog weighed 4.3 grams. After a month it was 3.37 times as heavy, how much did the frog weigh after a month?

6) A full container of industrial cleaning solution had 4.74 liters of liquid. If the container was only 0.9 full, how many liters are in there?

7) Janet made spicy and regular chili for the chili cook-off. She made enough spicy to fill up 0.2 of a pot. If she made 3 times as much regular chili, how many pots of regular did she have?

8) For a party George bought cupcakes with 0.04 being chocolate. Of the chocolate cupcakes 0.47 of them had sprinkles. What amount of the total cupcakes bought were chocolate with sprinkles?

9) A new dish washing machine used 3.56 liters of water per full load to clean dishes. If George washed 0.6 of a load, how many liters of water would be used?

10) An industrial dishwasher takes 4.8 liters of water to wash a full load of dishes. If you were to wash full loads, how much water would you use?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

Name:

**Solve each problem.**

1)  At the zoo the polar bears are fed 0.77 bucket of fish a day. The penguins are fed 0.8 that amount. How much of a bucket are the penguins fed?

1. **0.616**

2. **0.25**

2)  On Monday George picked up 0.5 of a kilogram of cans to recycle. On Tuesday he picked up 0.5 that amount. How much did George pick up on Tuesday?

3. **13.865**

3)  Janet can read 2.95 pages of a book in a minute. If she read for 4.7 minutes, how much would she have read?

4. **2.4**

5. **14.491**

6. **4.266**

4)  A geologist had two rocks on a scale that weighed 4.80 kilograms together. Rock A was 0.5 of the total weight. How much did rock A weigh?

7. **0.6**

8. **0.0188**

5)  A baby frog weighed 4.3 grams. After a month it was 3.37 times as heavy, how much did the frog weigh after a month?

9. **2.136**

10. **19.2**

6)  A full container of industrial cleaning solution had 4.74 liters of liquid. If the container was only 0.9 full, how many liters are in there?

7)  Janet made spicy and regular chili for the chili cook-off. She made enough spicy to fill up 0.2 of a pot. If she made 3 times as much regular chili, how many pots of regular did she have?

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|------|----|----|----|----|----|----|----|----|----|---|