

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

Ex) A box of pencils weighed 4.1 grams. If a principal ordered 3 boxes, how much would they weigh?

Ex. 12.3

1) A chef cooked 2 kilograms of mashed potatoes for a dinner party. If the guests only ate 0.4 of the amount he cooked, how much did they eat?

1. _____

2) A baby frog weighed 2.3 grams. After a month it was 2.51 times as heavy, how much did the frog weigh after a month?

2. _____

3) Bianca made spicy and regular chili for the chili cook-off. She made enough spicy to fill up 0.6 of a pot. If she made 2 times as much regular chili, how many pots of regular did she have?

3. _____

4) Bianca needed 4.5 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?

4. _____

5) On Monday Paul picked up 0.26 of a kilogram of cans to recycle. On Tuesday he picked up 0.88 that amount. How much did Paul pick up on Tuesday?

5. _____

6) At the animal shelter 0.49 of the animals are cats. Of the cats 0.96 are male. What amount of the animals at the shelter are male cats?

6. _____

7) A new washing machine used 3.29 liters of water per full load to clean clothes. If Paul washed 2.1 loads of clothes, how many liters of water would be used?

7. _____

8) A farmer gives each of his horses 0.13 of a salt lick a month. If he has 3 horses, how many salt licks does he use a month?

8. _____

9) A box of markers weighed 3.7 kilograms. If a teacher took out 0.86 of the markers, what is the weight of the markers she took out?

9. _____

10) A full tub of water weighed 2.6 kilograms. If the tub were filled up only 0.4 full, how much would it weigh?

10. _____

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Answers

- Ex. 12.3
1. 0.8
2. 5.773
3. 1.2
4. 9.
5. 0.2288
6. 0.4704
7. 6.909
8. 0.39
9. 3.182
10. 1.04