Name:

Solve each problem.

1) A bakery used 4 cups of flour to make a full size cake. If they wanted to make a cake that was 0.5 the size, how many cups of flour would they need?

1. _____

2. _____

2) On Halloween 2 friends each received 0.1 of a pound of candy. How much candy did they receive total?

3. _____

3) Janet can read 3.40 pages of a book in a minute. If she read for 3.22 minutes, how much would she have read?

4. _____

5. _____

4) A geologist had two rocks on a scale that weighed 3.3 kilograms together. Rock A was 0.1 of the total weight. How much did rock A weigh?

6. _____

7. _____

5) Janet collected 4 times as many bags of cans as her friend. If her friend collected 0.87 of a bag, how much did Janet collect?

8. _____

9. _____

6) Each day a carwash used 4.70 liters of soap. After 2 days, how much soap would they have used?

10. _____

7) At the animal shelter 0.64 of the animals are cats. Of the cats 0.63 are male. What amount of the animals at the shelter are male cats?

8) Janet needed 2.7 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 full package of paper weighs 4.77 kilograms. If George put 4.48 packages of paper on a scale, how much would they weigh?

10) A new washing machine used 2.47 liters of water per full load to clean clothes. If George washed 4.7 loads of clothes, how many liters of water would be used?

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

Name:

Solve each problem.

Answers

1) A bakery used 4 cups of flour to make a full size cake. If they wanted to make a cake that was 0.5 the size, how many cups of flour would they need?

2) On Halloween 2 friends each received 0.1 of a pound of candy. How much candy did they receive total?

3) Janet can read 3.40 pages of a book in a minute. If she read for 3.22 minutes, how much would she have read?

4) A geologist had two rocks on a scale that weighed 3.3 kilograms together. Rock A was 0.1 of the total weight. How much did rock A weigh?

5) Janet collected 4 times as many bags of cans as her friend. If her friend collected 0.87 of a bag, how much did Janet collect?

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8) Janet needed 2.7 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?

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10) A new washing machine used 2.47 liters of water per full load to clean clothes. If George washed 4.7 loads of clothes, how many liters of water would be used?
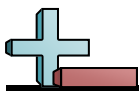
	Answers
1.	**2.**
2.	**0.2**
3.	**10.948**
4.	**0.33**
5.	**3.48**
6.	**9.4**
7.	**0.4032**
8.	**10.8**
9.	**21.3696**
10.	**11.609**

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

Solve each problem.

1) At the zoo the polar bears are fed 0.1 bucket of fish a day. The penguins are fed 0.83 that amount. How much of a bucket are the penguins fed?

1. _____

2. _____

2) On Halloween 3 friends each received 0.7 of a pound of candy. How much candy did they receive total?

3. _____

3) Janet can type 4.6 sentences per minute. If she typed for 4 minutes, how much would she have typed?

4. _____

5. _____

6. _____

4) At the malt shop a large chocolate shake takes 0.8 of a pint of milk. If the medium shake takes 0.03 the amount of a large, how much does the medium shake take?

7. _____

8. _____

5) George had a bucket that was 0.4 full of apples. He ended up throwing out 0.39 of them though because they were bad. Out of the total amount George had how many of them were bad?

9. _____

10. _____

6) An old road was 3.9 miles long. After a renovation it was 3.7 times as long. How long was the road after the renovation?

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 4 times as much regular chili, how many pots of regular did she have?

8) Janet needed 3.3 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?

9) A box of folders weighs 3.05 kilograms. If you have 3 boxes, how much would they weigh?

10) A bottle of soda had 2.36 of the daily recommended sugar. If you were to drink 0.7 of the bottle, how much of the daily recommend sugar would you have drank?

Name:

Solve each problem.

Answers

1) At the zoo the polar bears are fed 0.1 bucket of fish a day. The penguins are fed 0.83 that amount. How much of a bucket are the penguins fed?

1. **0.083**

2. **2.1**

2) On Halloween 3 friends each received 0.7 of a pound of candy. How much candy did they receive total?

3. **18.4**

3) Janet can type 4.6 sentences per minute. If she typed for 4 minutes, how much would she have typed?

4. **0.024**

5. **0.156**

6. **14.43**

4) At the malt shop a large chocolate shake takes 0.8 of a pint of milk. If the medium shake takes 0.03 the amount of a large, how much does the medium shake take?

7. **0.8**

8. **6.6**

5) George had a bucket that was 0.4 full of apples. He ended up throwing out 0.39 of them though because they were bad. Out of the total amount George had how many of them were bad?

9. **9.15**

10. **1.652**

6) An old road was 3.9 miles long. After a renovation it was 3.7 times as long. How long was the road after the renovation?

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 4 times as much regular chili, how many pots of regular did she have?

8) Janet needed 3.3 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?

9) A box of folders weighs 3.05 kilograms. If you have 3 boxes, how much would they weigh?

10) A bottle of soda had 2.36 of the daily recommended sugar. If you were to drink 0.7 of the bottle, how much of the daily recommend sugar would you have drank?

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?

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. _____

Math

3

| 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?

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?

	Answers
1.	**0.616**
2.	**0.25**
3.	**13.865**
4.	**2.4**
5.	**14.491**
6.	**4.266**
7.	**0.6**
8.	**0.0188**
9.	**2.136**
10.	**19.2**

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

Solve each problem.

1) A bag of strawberry candy takes 2.4 ounces of strawberries to make. If you have 3.77 bags, how many ounces of strawberries did it take to make them?

2) George had a lump of silly putty that was 4.69 centimeters long. If he stretched it out to 3.79 times its current length how long would it be?

3) Janet can read 3.6 pages of a book in a minute. If she read for 2.71 minutes, how much would she have read?

4) A box of pencils weighed 3.15 grams. If a principal ordered 2 boxes, how much would they weigh?

5) An adult turtle weighed 2.9 grams. How much would 4 adult turtles weigh?

6) A full container of industrial cleaning solution had 4.3 liters of liquid. If the container was only 0.35 full, how many liters are in there?

7) An air freshener used 3.16 milliliters of perfume. If Janet wanted to make 4 air fresheners, how many milliliters of perfume would she use?

8) On Monday it snowed 3 centimeters. The next day it snowed 0.02 that amount. How much did it snow on the second day?

9) George filled a pitcher up 0.4 full then poured 0.08 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

10) George stacked 3 pieces of wood on top of one another. If each piece was 0.4 of a meter tall, how tall was his pile?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Name: **Answer Key**

Solve each problem.

Answers

1) A bag of strawberry candy takes 2.4 ounces of strawberries to make. If you have 3.77 bags, how many ounces of strawberries did it take to make them?

1. **9.048**

2) George had a lump of silly putty that was 4.69 centimeters long. If he stretched it out to 3.79 times its current length how long would it be?

2. **17.7751**

3) Janet can read 3.6 pages of a book in a minute. If she read for 2.71 minutes, how much would she have read?

3. **9.756**

4. **6.3**

4) A box of pencils weighed 3.15 grams. If a principal ordered 2 boxes, how much would they weigh?

5. **11.6**

6. **1.505**

7. **12.64**

5) An adult turtle weighed 2.9 grams. How much would 4 adult turtles weigh?

8. **0.06**

9. **0.032**

10. **1.2**

6) A full container of industrial cleaning solution had 4.3 liters of liquid. If the container was only 0.35 full, how many liters are in there?

7) An air freshener used 3.16 milliliters of perfume. If Janet wanted to make 4 air fresheners, how many milliliters of perfume would she use?

8) On Monday it snowed 3 centimeters. The next day it snowed 0.02 that amount. How much did it snow on the second day?

9) George filled a pitcher up 0.4 full then poured 0.08 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

10) George stacked 3 pieces of wood on top of one another. If each piece was 0.4 of a meter tall, how tall was his pile?

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

Multiplying Decimals

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?

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.

Answers

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?

1. **0.8**

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?

2. **0.224**

3. **8.2**

3) Janet can type 4.10 sentences per minute. If she typed for 2 minutes, how much would she have typed?

4. **2.3**

5. **14.06**

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?

6. **0.92**

7. **3.92**

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?

8. **14.4**

9. **13.76**

10. **13.9416**

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?

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 0.5 bucket of fish a day. The penguins are fed 0.1 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 0.98 that amount. How much did George pick up on Tuesday?

3) Janet can type 2.21 sentences per minute. If she typed for 2 minutes, how much would she have typed?

4) It takes 0.3 of a box of nails to build a bird house. If you wanted to build 3 bird houses, how much would you need?

5) A baby frog weighed 2.17 grams. After a month it was 2.7 times as heavy, how much did the frog weigh after a month?

6) A full container of industrial cleaning solution had 3.1 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 2.96 yards long. After doing some sewing, she had 0.31 the original amount left. How much does she have left?

8) On Monday it snowed 2 centimeters. The next day it snowed 0.4 that amount. How much did it snow on the second day?

9) A box of folders weighs 2.61 kilograms. If you have 3 boxes, how much would they weigh?

10) A bottle of soda had 3.5 of the daily recommended sugar. If you were to drink 0.29 of the bottle, how much of the daily recommend sugar would you have drank?

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.

Answers

1) At the zoo the polar bears are fed 0.5 bucket of fish a day. The penguins are fed 0.1 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 0.98 that amount. How much did George pick up on Tuesday?

3) Janet can type 2.21 sentences per minute. If she typed for 2 minutes, how much would she have typed?

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7) Janet had a piece of thread exactly 2.96 yards long. After doing some sewing, she had 0.31 the original amount left. How much does she have left?

8) On Monday it snowed 2 centimeters. The next day it snowed 0.4 that amount. How much did it snow on the second day?

9) A box of folders weighs 2.61 kilograms. If you have 3 boxes, how much would they weigh?

10) A bottle of soda had 3.5 of the daily recommended sugar. If you were to drink 0.29 of the bottle, how much of the daily recommend sugar would you have drank?

#	Answers
1.	**0.05**
2.	**0.49**
3.	**4.42**
4.	**0.9**
5.	**5.859**
6.	**1.24**
7.	**0.9176**
8.	**0.8**
9.	**7.83**
10.	**1.015**

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

Name:

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 0.23 the size, how many cups of flour would they need?

2) George had a lump of play doh that was 4.6 centimeters long. If he stretched it out to 2 times its current length how long would it be?

3) Janet can read 4.7 pages of a book in a minute. If she read for 2.2 minutes, how much would she have read?

4) A geologist had two rocks on a scale that weighed 4.9 kilograms together. Rock A was 0.66 of the total weight. How much did rock A weigh?

5) An old wooden post was 4.25 meters long. If you were to cut off 0.2 of it, how much would you have cut off?

6) Each day a carwash used 2.9 liters of soap. After 4 days, how much soap would they have used?

7) A bottle of home-made cleaning solution took 3.3 milliliters of lemon juice. If Janet made 2.54 bottles, how many milliliters of lemon juice did she use?

8) Janet needed 2.7 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?

9) George filled a pitcher up 0.64 full then poured 0.5 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

10) For Halloween 0.2 of the candy sold was chocolate. Of the chocolate candy sold 0.7 was made by Nestle. What amount of all the candy sold was chocolate and made by Nestle?

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) A bakery used 2 cups of flour to make a full size cake. If they wanted to make a cake that was 0.23 the size, how many cups of flour would they need?

1. **0.46**

2) George had a lump of play doh that was 4.6 centimeters long. If he stretched it out to 2 times its current length how long would it be?

2. **9.2**

3) Janet can read 4.7 pages of a book in a minute. If she read for 2.2 minutes, how much would she have read?

3. **10.34**

4. **3.234**

5. **0.85**

4) A geologist had two rocks on a scale that weighed 4.9 kilograms together. Rock A was 0.66 of the total weight. How much did rock A weigh?

6. **11.6**

7. **8.382**

5) An old wooden post was 4.25 meters long. If you were to cut off 0.2 of it, how much would you have cut off?

8. **5.4**

9. **0.32**

10. **0.14**

6) Each day a carwash used 2.9 liters of soap. After 4 days, how much soap would they have used?

7) A bottle of home-made cleaning solution took 3.3 milliliters of lemon juice. If Janet made 2.54 bottles, how many milliliters of lemon juice did she use?

8) Janet needed 2.7 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?

9) George filled a pitcher up 0.64 full then poured 0.5 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

10) For Halloween 0.2 of the candy sold was chocolate. Of the chocolate candy sold 0.7 was made by Nestle. What amount of all the candy sold was chocolate dend made by Nestle?

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

Multiplying Decimals

Name:

Solve each problem.

1) A bag of strawberry candy takes 2.88 ounces of strawberries to make. If you have 3.85 bags, how many ounces of strawberries did it take to make them?

2) A country road was 4.8 miles long. If 0.6 of it was paved with cement how long was the paved part?

3) Janet can read 2.6 pages of a book in a minute. If she read for 2.6 minutes, how much would she have read?

4) A box of pencils weighed 2.7 grams. If a principal ordered 4 boxes, how much would they weigh?

5) An old wooden post was 2.8 meters long. If you were to cut off 0.2 of it, how much would you have cut off?

6) A large container of lemon juice used 0.7 of a bag of lemons. If a small container used 0.20 the amount of a large container, how much does a small container use?

7) Janet had a piece of thread exactly 2.2 yards long. After doing some sewing, she had 0.7 the original amount left. How much does she have left?

8) On Monday it snowed 2 centimeters. The next day it snowed 0.1 that amount. How much did it snow on the second day?

9) George filled a pitcher up 0.70 full then poured 0.78 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

10) George stacked 4 pieces of wood on top of one another. If each piece was 0.94 of a meter tall, how tall was his pile?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Name:

Solve each problem.

Answers

1) A bag of strawberry candy takes 2.88 ounces of strawberries to make. If you have 3.85 bags, how many ounces of strawberries did it take to make them?

1. **11.088**

2. **2.88**

2) A country road was 4.8 miles long. If 0.6 of it was paved with cement how long was the paved part?

3. **6.76**

4. **10.8**

3) Janet can read 2.6 pages of a book in a minute. If she read for 2.6 minutes, how much would she have read?

5. **0.56**

6. **0.14**

4) A box of pencils weighed 2.7 grams. If a principal ordered 4 boxes, how much would they weigh?

7. **1.54**

8. **0.2**

5) An old wooden post was 2.8 meters long. If you were to cut off 0.2 of it, how much would you have cut off?

9. **0.546**

10. **3.76**

6) A large container of lemon juice used 0.7 of a bag of lemons. If a small container used 0.20 the amount of a large container, how much does a small container use?

7) Janet had a piece of thread exactly 2.2 yards long. After doing some sewing, she had 0.7 the original amount left. How much does she have left?

8) On Monday it snowed 2 centimeters. The next day it snowed 0.1 that amount. How much did it snow on the second day?

9) George filled a pitcher up 0.70 full then poured 0.78 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

10) George stacked 4 pieces of wood on top of one another. If each piece was 0.94 of a meter tall, how tall was his pile?

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

Name:

Solve each problem.

1) A bag of pistachios is 4.7 grams. If you have 0.7 of a bag, how many grams does it weigh?

1. _____

2) George had a lump of play doh that was 4.88 centimeters long. If he stretched it out to 2 times its current length how long would it be?

2. _____

3. _____

3) After a dinner party there was 0.8 of a pot of stew leftover. If the George gave 0.52 of the leftover to Janet, how much of the original pot did he give to her?

4. _____

5. _____

4) A single box of thumb tacks weighed 2.7 grams. If a teacher had 2.49 boxes, how much would their combined weight be?

6. _____

7. _____

5) Janet collected 2 times as many bags of cans as her friend. If her friend collected 0.3 of a bag, how much did Janet collect?

8. _____

9. _____

6) Each day a carwash used 3.90 liters of soap. After 4 days, how much soap would they have used?

10. _____

7) A bottle of home-made cleaning solution took 3.2 milliliters of lemon juice. If Janet made 3.56 bottles, how many milliliters of lemon juice did she use?

8) Janet needed 4.92 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?

9) George filled a pitcher up 0.44 full then poured 0.22 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

10) A new washing machine used 2.6 liters of water per full load to clean clothes. If George washed 2.2 loads of clothes, how many liters of water would be used?

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

Name:

Solve each problem.

Answers

1) A bag of pistachios is 4.7 grams. If you have 0.7 of a bag, how many grams does it weigh?

2) George had a lump of play doh that was 4.88 centimeters long. If he stretched it out to 2 times its current length how long would it be?

3) After a dinner party there was 0.8 of a pot of stew leftover. If the George gave 0.52 of the leftover to Janet, how much of the original pot did he give to her?

4) A single box of thumb tacks weighed 2.7 grams. If a teacher had 2.49 boxes, how much would their combined weight be?

5) Janet collected 2 times as many bags of cans as her friend. If her friend collected 0.3 of a bag, how much did Janet collect?

6) Each day a carwash used 3.90 liters of soap. After 4 days, how much soap would they have used?

7) A bottle of home-made cleaning solution took 3.2 milliliters of lemon juice. If Janet made 3.56 bottles, how many milliliters of lemon juice did she use?

8) Janet needed 4.92 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?

9) George filled a pitcher up 0.44 full then poured 0.22 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

10) A new washing machine used 2.6 liters of water per full load to clean clothes. If George washed 2.2 loads of clothes, how many liters of water would be used?

1. **3.29**

2. **9.76**

3. **0.416**

4. **6.723**

5. **0.6**

6. **15.6**

7. **11.392**

8. **9.84**

9. **0.0968**

10. **5.72**

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

Name:

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 0.49 the size, how many cups of flour would they need?

1. _____

2. _____

2) On Halloween 2 friends each received 0.7 of a pound of candy. How much candy did they receive total?

3. _____

3) Each day a company used 0.29 of a box of paper. How much would they have used after 3 days?

4. _____

5. _____

6. _____

4) A single box of thumb tacks weighed 3.7 grams. If a teacher had 4.8 boxes, how much would their combined weight be?

7. _____

8. _____

5) An old wooden post was 3.5 meters long. If you were to cut off 0.5 of it, how much would you have cut off?

9. _____

10. _____

6) Each day a carwash used 2.88 liters of soap. After 2 days, how much soap would they have used?

7) Janet had a piece of thread exactly 3.1 yards long. After doing some sewing, she had 0.8 the original amount left. How much does she have left?

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

9) George filled a pitcher up 0.8 full then poured 0.1 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

10) A new washing machine used 2.4 liters of water per full load to clean clothes. If George washed 4.49 loads of clothes, how many liters of water would be used?

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

Name: **Answer Key**

Solve each problem.

Answers

1) A bakery used 2 cups of flour to make a full size cake. If they wanted to make a cake that was 0.49 the size, how many cups of flour would they need?

1. **0.98**

2) On Halloween 2 friends each received 0.7 of a pound of candy. How much candy did they receive total?

2. **1.4**

3) Each day a company used 0.29 of a box of paper. How much would they have used after 3 days?

3. **0.87**

4. **17.76**

4) A single box of thumb tacks weighed 3.7 grams. If a teacher had 4.8 boxes, how much would their combined weight be?

5. **1.75**

6. **5.76**

5) An old wooden post was 3.5 meters long. If you were to cut off 0.5 of it, how much would you have cut off?

7. **2.48**

8. **0.27**

9. **0.08**

6) Each day a carwash used 2.88 liters of soap. After 2 days, how much soap would they have used?

10. **10.776**

7) Janet had a piece of thread exactly 3.1 yards long. After doing some sewing, she had 0.8 the original amount left. How much does she have left?

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

9) George filled a pitcher up 0.8 full then poured 0.1 of the pitcher into a glass. What amount of the total pitcher did he pour into the glass?

10) A new washing machine used 2.4 liters of water per full load to clean clothes. If George washed 4.49 loads of clothes, how many liters of water would be used?

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