3rd Grade Measurement & Data Geometric measurement: understand concepts of area and relate area to multiplication and to addition. Standard 2, Test 1

Multiple Choice

Identify the choice that best completes the statement or answers the question.

1. Suzanne had one liter of cola to share with 3 friends. She began pouring the cola into four cups. How many mililiters did each girl get?

a.	4	c.	250
b.	4 ounces	d.	1000

2.

Three friends filled a bucket marked with liters of water to wash a car. How many milliliters did they put in the bucket?

a. 2500

 $\frac{1}{2}$ с. 2 d. 1 gallon

b. 2.5

a. 5

b. 1



The scale says that there are 500 grams of iron on it. How many kilograms is that? c. 5 a. 1

b. .5 d. 1 lbs.



Read all the scales (in grams) and tell how many total kilograms of iron are shown.

c. 500 d. 2



When the vet weighed the fox above, the scale said 10,000 grams. How many kilograms did the fox weigh?

a. 1000

b. 10

c. 1 d. .500



Answer 1: C

There are 1000 mililetrs in a liter. There are 4 girls to divide it among. 1000 mc001-1.jpg 4 = 250

Answer 2: A

There are 1000 milliliters in a liter. They put 2mc002-2.jpg liters into the bucket, so you have 1000 x 2mc002-3.jpg (or 2.5) which equals 2500.

Answer 3: B

There are 1000 grams in a kilogram, so we have 500 mc003-2.jpg 1000 = .5, or 1/2.

Answer 4: D

500 + 500 + 500 = 1500. 250 + 250 = 500. 1500 + 500 = 2000. There are 1000 grams in a kilogram, so we have 2 sets of 1000, or 2 kiligrams.

Answer 5: B

10,000 total grams mc005-2.jpg 1000 grams per kilo = 10

Answer 6: C

500 x 6 = 3000. Each liter has 1000 ml, so there are 3 liters total in all the glasses.