4ᵗʰ Grade Unit 7 Part 2: Measurement (Form A)

Name _____   **Date** _____

1. Use the chart below to answer the question.

1 foot	12 inches
1 yard	36 inches
1 yard	3 feet
1 mile	5,280 ft

Phillip is wrapping presents and needs 48 inches of ribbon for each gift. At the store, the ribbon is measured in feet. How many feet of ribbon does Phillip need to buy?

_____

2. Which numbers complete the following table?

1 L	1,000 mL
2 L	2,000 mL
3 L	y
x	8,000 mL

   a. x = 800 L; y =30 mL
   b. x = 80 L; y = 300 mL
   c. x = 80 L; y = 3,000 mL
   d. x = 8 L; y = 3,000 mL

3. Braylee caught a fish that was three feet two inches long. How many inches long was her fish?

   a. 36 inches
   b. 38 inches
   c. 40 inches
   d. 38 feet

4. Kim fills her swimming pool every summer with a hose that pumps 93 liters of water per minute. If Kim spent 12 minutes adding water to her pool this summer, how many liters of water did Kim put in her pool? _____

5. Which would be weighed in ounces?

   a. a school bus
   b. a jaguar
   c. a kitten
   d. a chair

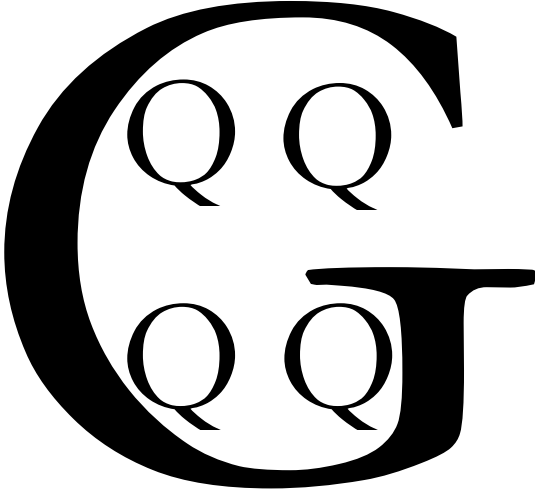6. What is the best estimate for the weight of a banana?

   a. 12 grams
   b. 12 kilograms
   c. 120 grams
   d. 120 kilograms

Name _____   Date _____

7. Add "P" for each pint and "c" for each cup to show how many pints are in each quart and how many cups are in each pint.

8. Use what you know about liquid measures to fill in the blanks.

32 cups of water = _____ pint(s)

32 cups of water = _____ quart(s)

32 cups of water = _____ gallon(s)

9. Which numbers complete the following table?

x	4 quarts
2 gallons	8 quarts
5 gallons	y

   a. x = 1 gallon; y = 20 quarts
   b. x = 2 gallons; y = 10 quarts
   c. x = 8 gallon; y = 2 ½ quarts
   d. x = 16 gallon; y = 20 quarts

10. Jim used 2 cups of milk to make pudding. Which amount equals 2 cups?

   a. 2 quarts   c. 1 quart
   b. 2 pints   d. 1 pint

11. How many milliliters are in a 2 liter bottle of Coke?

   a. 16
   b. 500
   c. 1,000
   d. 2,000

12. Jake measured his pencil. Which length might he have found?

   a. 0.8 cm
   b. 8 cm
   c. 8 g
   d. 8 m

Name _____   Date _____

13. A pound of apples cost $1.60. Shelby bought a pound and a half of apples. If she gave the clerk a $5.00 bill, how much change will she get back?

14. Use the chart below to answer the question.

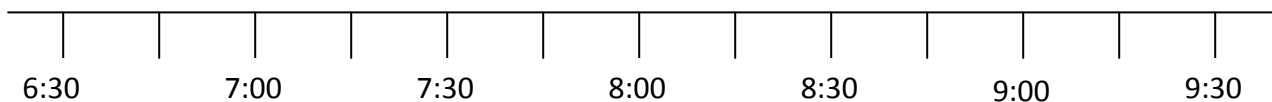| 1 lb.	16 oz.
2 lb.	32 oz.
3 lb.	48 oz
......	
13 lbs	__ oz.

If John's dog weighs 13 pounds, how many ounces does he weigh?

a. 29 oz.
b. 60 oz.
c. 208 oz.
d. 224 oz.

15. Kierra studied for her science test for 3 days. She studied 1 hour and 10 minutes on Monday, 45 minutes on Tuesday, and 20 minutes on Wednesday. How many minutes did Kierra study for her science test?

16. In April, Cam rode his scooter for 9,453 *meters*. In May, he rode it for 12 *kilometers*. How many more *meters* did Cam ride his scooter in May than in April?

17. The fourth grade class needs to be at the Tellus Museum by 9:00 am. With normal traffic, the bus ride is 1 hour and 45 minutes long. What time do the buses need to leave the school? _____ Use the timeline below to prove your answer.

6:30   7:00   7:30   8:00   8:30   9:00   9:30

4th Grade Unit 7 Part 2: Measurement (Form A)

Name _____   **Date** _____

Answer Key

1. *Phillip needs 4 feet of ribbon.*	2. a. x = 800 L; y =30 mL
	     b. x = 80 L; y = 300 mL
	     c. x = 80 L; y = 3,000 mL
	     (d.) x = 8 L; y = 3,000 mL

3.   a.   36 inches
     (b.)   38 inches
     c.   40 inches
     d.   38 feet
	4. *Kim put 1,116 liters of water in her pool.*

5.   a.   a school bus
     b.   a jaguar
     (c.)   a kitten
     d.   a chair
	6. a. 12 grams
	     b. 12 kilograms
	     (c.) 120 grams
	     d. 120 kilograms

7. Big G chart should have 2 P's inside each Q and 2 C's inside each P.	8. 32 cups of water = <u>16</u> pint(s) 32 cups of water = <u>8</u> quart(s) 32 cups of water = <u>2</u> gallon(s)

9.   **(a.)**   x = 1 gallon; y = 20 quarts
     b.   x = 2 gallons; y = 10 quarts
     c.   x = 8 gallon; y = 2 ½ quarts
     d.   x = 16 gallon; y = 20 quarts
	10. a. 2 quarts c. 1 quart
	     b. 2 pints **(d.)** 1 pint

11.   a.   16
     b.   500
     c.   1,000
     (d.)   2,0002 pints
	12. a. 0.8 cm
	     (b.) 8 cm
	     c. 8 g
	     d. 8 m

13. *Shelby will get $2.60 in change.*	14. a. 29 oz.
	     b. 60 oz.
	     (c.) 208 oz.
	     d. 224 oz.

15. *Kierra studied 135 minutes.*	16. *Cam rode his scooter 2,547 more meters in May than in April.*

17. *The buses need to leave the school at 7:15 am. Timelines may vary as long as they show correct information.*