

KEY

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Unit 3, Lesson 2: Anchoring Units of Measurement

1. Select the unit from the list that you would use to measure each object.

1. The length of a pencil <i>a, f</i>	a) centimeters
2. The weight or mass of a pencil <i>e, n</i>	b) cups
3. The volume of a pencil	c) feet
4. The weight or mass of a hippopotamus <i>g, o, q</i>	d) gallons
5. The length of a hippopotamus <i>c, f, j, r</i>	e) grams
6. The length of a fingernail clipping <i>a, f, m</i>	f) inches
7. The weight or mass of a fingernail clipping <i>e, n</i>	g) kilograms
8. The volume of a sink <i>d, i</i>	h) kilometers
9. The volume of a bowl <i>i, l, p</i>	i) liters
10. The length of a chalkboard or whiteboard <i>a, f, j, r</i>	j) meters
11. The weight or mass of a chalkboard or whiteboard <i>o, g, n, e</i>	k) miles
12. The length of the border between the United States and Canada <i>h, K</i>	l) milliliters
	m) millimeters
	n) ounces
	o) pounds
	p) quarts
	q) tons
	r) yards

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2. When this pet hamster is placed on a digital scale, the scale reads 1.5.



grams, ounces

What could be the units?

1

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3. Circle the larger unit of measure. Then, determine if the unit measures distance, volume, or weight (mass).

1. meter or kilometer distance
2. yard or foot distance
3. cup or quart volume
4. pound or ounce weight (mass)
5. liter or milliliter volume
6. gram or kilogram weight (mass)

4. Elena mixes 5 cups of apple juice with 2 cups of sparkling water to make sparkling apple juice. For a party, she wants to make 35 cups of sparkling apple juice. How much of each ingredient should Elena use? Explain or show your reasoning. (U2, L15)

25 cups Apple
10 cups sparkling H₂O

A	SW	Sparkling Apple
5	2	7
25	10	35

↑5 ↑5 ↑5

could find 1 and multiply up, but this is easier.

5. Lin bought 3 hats for \$22.50. At this rate, how many hats could she buy with \$60.00? If you get stuck, try using a table. (from U2, L12)

8 hats

H	\$
3	22.50
8	60.00

Choose 2 of 3

6. Light travels about 180 million kilometers in 10 minutes. How far does it travel in 1 minute? How far does it travel in 1 second? Show your reasoning. (from U2, L9)

million K	minutes
180	10
18	1
.3	1 sec

÷10 ÷10
÷60 ÷60

1/6
1
1
1
1/22