

GROUP QUIZ UNIT 01

NAMES _____

Answer Key:

Start w/ Least amt. units.

1. A

20.

2. B

$$10.0 \text{ L} \cdot \frac{1.06 \text{ qt.}}{1 \text{ L}} \cdot \frac{1 \text{ gal}}{4 \text{ qt.}} \cdot \frac{30.0 \text{ mi}}{1 \text{ gal}} \cdot \frac{1 \text{ km}}{0.62 \text{ mi}} =$$

3 S.F.
128 km

4. D

21.

5. B

$$419 \text{ kL} \cdot \frac{1000 \text{ L}}{1 \text{ kL}} \cdot \frac{100 \text{ cl}}{1 \text{ L}} = 41,900,000 \text{ cl}$$

or 3 S.F.
 $4.19 \times 10^7 \text{ cl}$

6. D

7. B

22.

8. B

$$5.0 \text{ mi} \cdot \frac{1 \text{ km}}{0.62 \text{ mi}} \cdot \frac{1000 \text{ m}}{1 \text{ km}} \cdot \frac{100 \text{ cm}}{1 \text{ m}} = 810,000 \text{ cm}$$

or 2 S.F.
 $8.1 \times 10^5 \text{ mi}$

9. B

10. B

23.

11. C

12. C

13. D

14. A

15. B

16. ~2.35 cm

17. ~30.0 mL

18. N

19. P

