

Numbers and Units wkst

Name _____

Complete the following. Show all work!!

1. $25 \text{ cm} * 36 \text{ cm} =$

2. $5 \text{ cm} * 8 \text{ cm} * 10 \text{ cm} =$

3. $12 \text{ cm} * 3 \text{ dm} =$

4. $5 \text{ m} / 34 \text{ s} =$

5. $490 \text{ km} / 52 \text{ minutes} =$

6. Make # 5 into meters per minute.

7. $125 \text{ cm} * 5 \text{ m} * 96 \text{ km} =$

8. Convert the following

a. $125 \text{ m} \rightarrow \text{km}$

b. $25 \text{ m} \rightarrow \text{cm}$

c. $0.0000254 \text{ kg} \rightarrow \text{mg}$

9. Give an example of something that is the following length.

a. 1 cm

b. 1 dm

c. 1 m

10. Find the density of the following.

a. Mass = 35 g and the $V = 10 \text{ cm}^3$

11. You are walking in the wood when you trip on something sticking out of the ground. You look back and realize that you tripped on a 100 cm^3 piece of metal. You decide to pick it up and bring it home. When you get home you find out that it has a mass of 25 g . What is the density of the metal? Will it float on water or not? Why or why not? (The density of water can be found in your book)