Stacks

Homework

Show or tell how to solve each problem. Use a calculator.

1. A plastic checker is 4 mm thick. What is the thickness of the checker in cm?

I 4 mm   I 4 mm

2. How tall is a stack of ten checkers?

   A. in millimeters? _____

   B. in centimeters? _____

3. How tall is a stack of 250 checkers?

   A. in millimeters? _____

   B. in centimeters? _____

4. Tanya says a stack of 221 checkers is 884 cm tall. Do you agree with Tanya? Why or why not?

5. How many checkers does it take to reach a height of 264 cm?

6. How tall is a stack of 50 checkers?

   A. in millimeters? _____ mm

   B. in centimeters? _____ cm

   C. in meters? _____ m

7. Complete the table.

	Number of Checkers	Height of Stack in mm	Height of Stack in cm	Height of Stack in m
A.	50			
B.	500			
C.		80		
D.			80	
E.				80

8. Complete each statement.

A. A stack of _____ checkers is 3004 mm.

B. A stack of _____ checkers is 3004 cm.

C. A stack of _____ checkers is 3004 m.

9. A nickel is 1.98 mm thick. How many checkers would equal the height of $1000 worth of nickels? Show your work.

10. A quarter is 1.75 mm thick. Imagine a stack of quarters as tall as the Willis Tower (443 meters). Calculate the number of quarters in this stack. Show your work.

11. How much is this stack of quarters worth?