Cubes & Cube Roots

Name:	Div.:	Date:
Find the cube of each integer (show y	our work):	
1) 1 ³	2) 2 ³	3) 3 ³
No.		
		,
4) 4 ³	5) 5 ³	6) 6 ³
	x	
7) 7 ³	8) 8 ³	9) 9 ³
	4	
Using prime factorization determine i	f the following are perfect squ	nares (check with a calculator):
10) ³ √64	11) ³ √27	12) ³ √216
		,
13) ³ √125	14) ³ √512	15) ³ √24
*		
$16)\sqrt[3]{54}$	17) ³ √128	18) ³ √135

Write the square or cube of each number.

$$A. 4^2 = 4 \times 4 = 16$$

8.
$$6^3 =$$

C.
$$10^3 =$$

E.
$$8^3 =$$

$$13^2 =$$

F.
$$17^2 =$$

Write the cube root.

Use the chart on the back to determine which two whole numbers the non-perfect cube falls between:

₹200 Is between _____ and _____.

 $\sqrt[3]{4}$ is between _____ and _____.

₹1,058 is between and .

₹65 is between _____ and _____.

₹2,201 is between _____ and _____.

Using your calculator and rounding to the nearest hundredth, write the cube root:

∛200 = ____

∛4 =

∛1,058 =

∛65 =

∛2,201 =