Name_____ Date_____

Mrs. Roumbos 8R Period_____

Do Now

1) Between which two consecutive integers is $\sqrt[3]{11}$?

A) 0 and 1
B) 1 and 2
C) 2 and 3
D) 4 and 5

2) Between which two consecutive integers is $\sqrt[3]{200}$?

A) 66 and 67
B) 20 and 21
C) 6 and 7
D) 5 and 6

3) Which statement below is true?

A) $\sqrt{4} = \sqrt[3]{4}$
B) $\sqrt{4} = \sqrt[3]{27}$
C) $\sqrt{16} = \sqrt[3]{27}$
D) $\sqrt{16} = \sqrt[3]{64}$

4) Circle True or False for each equation.

A) $\sqrt{121} = 11$ True False
B) $\sqrt[3]{81} = 27$ True False
C) $\sqrt{25} = \sqrt[3]{125}$ True False
D) $\sqrt[3]{9} = 3$ True False

5) Determine whether each square root or cube root has a value greater than 10 or less than 10. Write the root in the correct box.

$\sqrt{50}$ $\sqrt{200}$ $\sqrt{144}$ $\sqrt[3]{400}$ $\sqrt[3]{1200}$ $\sqrt[3]{900}$

Less than 10	Greater than 10