

Name:

Date:

Course 2 Quiz: 1.4 and 1.5 Significant Digits

Write the number of significant digits.

① 23.04

② 0.021

③ 3,100

④ 6.023

Round each integer to the number of significant digits given

⑤ 128,043 (4 significant digits) ⑥ 150,659 (5 significant digits)

⑦ 23,513 (2 significant digits) ⑧ 286 (2 significant digits)

Review- Write if the given number is rational or irrational

⑨  $\sqrt{3}$

⑩  $-\frac{3}{4}$

**Extra Credit**

The thickness of a stack of 15 identical plastic rulers is approximately 13.581 millimeters. What is the thickness of one plastic ruler correct to 3 significant digits?