

Name

8/23/16 or  
8/24/16

Alg I

## Use Precision and Measurement

I can compare  
measurements  
for precision.

Precision: The level of detail that  
an instrument can measure.

Ch. 1 Quiz  
9/1 or 9/2

Example 1:

- 1) 21.13 oz      2)  $2\frac{5}{8}$  in      3) 14 mm  
4) 90 min

Significant Digits: The digits that  
carry meaning and affect precision.

Example 2:

- 5) 800.20 ft      5      6) 0.005 cm      1  
7) 36,900 mi      3

\* Complete Skills

Practice pg. 38,

# 3, 5, 11, 12,  
21, 23

Example 3:

$$\begin{array}{r} 6 \\ 8) 27.23 \\ - 12.70 \\ \hline 14.53 \end{array}$$

Round to 3 significant  
digits  $\rightarrow$  14.5 m

$$\begin{array}{r} 10.62 \\ 9) 4\overline{)1600} \\ - 425 \downarrow \\ \hline 266 \\ - 0 \\ \hline 2660 \\ - 2550 \downarrow \\ \hline 1100 \end{array}$$

Round to 3 significant  
digits  $\rightarrow$  10.6 yd