

## Practice Problems: Significant Digits & Measurements

See the complete solutions to these problems at [http://www.youtube.com/watch?v=Z4yyY\\_C0414](http://www.youtube.com/watch?v=Z4yyY_C0414).

1. How many significant digits does each of the following numbers have?

a) 42,784 cm

b) 120 mi

c) 9842.010 kg

d) 0.0819 sec

e) 0.000200500 ft

f) 4300. lb

g) 8.600°C

h) 0.553092 ms