

5. Count the number of significant figures in each of the following:

a. 2.03 cm

b. 2.030 cm

c. 0.203 cm

d. 0.020 cm

e. 200 cm

f. 2.00×10^{-1} cm

g. 2.00×10^3 cm

6. Write the rules for using significant figures in calculations in each case:

a. multiplication and/or division

b. addition and/or subtraction

7. What is the numerical relationship between inches and centimeters?

8. What is the numerical relationship between kilometers and miles?

9. Convert 23.44 meters to centimeters.