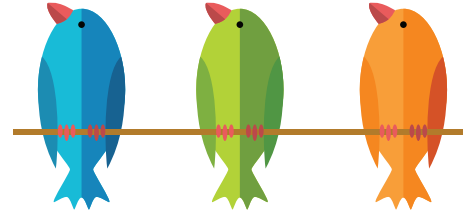


# Approximating Irrational Numbers on Number Lines



Approximate each irrational number to the nearest whole number. Then, plot the position of each irrational number on the number line.

1.  $\sqrt{28} \approx$  \_\_\_\_\_



2.  $\sqrt{120} \approx$  \_\_\_\_\_



3.  $\sqrt[3]{85} \approx$  \_\_\_\_\_



4.  $\sqrt[3]{250} \approx$  \_\_\_\_\_



Approximate each irrational number to the nearest tenth. Then, plot the position of each irrational number on the number line.

5.  $\sqrt{90} \approx$  \_\_\_\_\_



6.  $\sqrt[3]{455} \approx$  \_\_\_\_\_



7.  $4\pi \approx$  \_\_\_\_\_



8.  $7 + \sqrt{68} \approx$  \_\_\_\_\_

