

Decimal Plots Answer Key

1. $2 + 0.4$
2. $5 + 0.1 + 0.08$
3. $7 + 0.6 + 0.05$
4. $1 + 0.09$
5. $9 + 0.7 + 0.02$
6. $4 + 0.3 + 0.005$
7. $6 + 0.8 + 0.01$
8. $3 + 0.5 + 0.007$

Teacher's Guide

- Have students estimate where each decimal belongs before marking it on the number line.
- Remind students to use the tenths, hundredths, and thousandths places to determine accurate placement.
- Provide number lines divided into tenths or hundredths for students who need additional support.
- Ask students to explain how the location on the number line matches the expanded form.
- Pair students to compare placements and discuss any differences using place value vocabulary.
- Extend the lesson by having students choose their own decimal, plot it on a number line, and write its expanded form.