

Lesson 1: Systems of Measurement and Personal Referents

Are You Ready? Possible Answers

1. A system of measurement is a set of units that can be used to describe anything that can be measured.
2. Answers may include millimetre, centimetre, decimetre, metre, and kilometre.
3. Answers may include inch, foot, yard, and mile.
4.
 - a. $\frac{1}{4} + \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$
 - b. $\frac{7}{8} - \frac{1}{8} = \frac{6}{8} = \frac{3}{4}$
 - c. $3\frac{1}{2} + 8\frac{1}{2} = 11 + \frac{1}{2} + \frac{1}{2} = 12$
 - d. $\frac{11}{16} - \frac{3}{8} = \frac{11}{16} - \frac{6}{16} = \frac{5}{16}$