

Lesson 2: Practice Problems

1. Select **all** the true equations.

a. $5 + 0 = 0$

d. $\frac{2}{3} \cdot \frac{5}{9} = \frac{7}{12}$

b. $15 \cdot 0 = 0$

e. $4\frac{2}{3} = 5 - \frac{1}{3}$

c. $1.4 + 2.7 = 4.1$

2. Mai's water bottle had 24 ounces in it. After she drank x ounces of water, there were 10 ounces left. Select **all** the equations that represent this situation.

a. $24 \div 10 = x$

d. $x + 10 = 24$

b. $24 + 10 = x$

e. $10x = 24$

c. $24 - 10 = x$

3. Priya has 5 pencils, each x inches in length. When she lines up the pencils end to end, they measure 34.5 inches. Select **all** the equations that represent this situation.

a. $5 + x = 34.5$

d. $34.5 - 5 = x$

b. $5x = 34.5$

e. $x = (34.5) \cdot 5$

c. $34.5 \div 5 = x$

4. Match each equation with a solution from the list of values.

1. $2a = 4.6$

a. $\frac{8}{5}$

2. $b + 2 = 4.6$

b. $1\frac{5}{8}$

3. $c \div 2 = 4.6$

c. 2.3

4. $d - 2 = 4.6$

d. 2.6

5. $e + \frac{3}{8} = 2$

e. 6.6

6. $\frac{1}{8}f = 3$

f. 9.2

7. $g \div \frac{8}{5} = 1$

g. 24