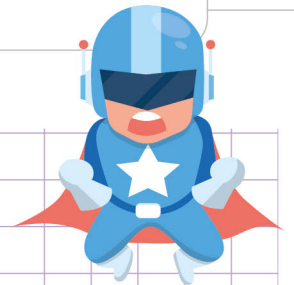


Name: Class:

Solve equations with whole decimals



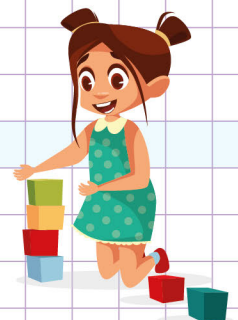
Find the values of the unknown variables below

a. $9 + 5.2 = u$

b. $z - 4 = 9.8$

c. $t \div 10 = 5.5$

d. $12 \div 3.4 = s$



Name: Class:

Solve equations with whole decimals



Find the values of the unknown variables below

a. $9 + 5.2 = u$

The variable u is already alone on one side,
Therefore, add 9 to 5.2 to solve for u

$$9 + 5.2 = 14.2$$

$$\text{So, } u = 14.2$$

b. $z - 4 = 9.8$

To get the variable z alone on one side of the equation,
add 4 to both sides of the equation.

$$z - 4 + 4 = 9.8 + 4$$

$$z = 9.8 + 4$$

$$z = 13.8$$

c. $t \div 10 = 5.5$

To get the variable z alone on one side of the equation,
multiply both sides of the equation $\frac{1}{10}$

$$t \div 10 \times \frac{1}{10} = 5.5 \times \frac{1}{10}$$

$$t = 5.5 \times \frac{1}{10} \longrightarrow t = \frac{5.5}{10} = 0.55$$

$$\text{So, } t = 0.55$$

d. $12 \div 3.4 = s$

The variable s is already alone on one side,
so let's divide

$$12 \div 3.4 = s$$

$$12 \div 3.4 = 3.5$$

$$\text{So, } s = 3.5$$

