

Solve each equation & check your solution.

1. x + 4.3 = 1.2-4.3 -4.3 x = -3.1

Check:
$$-3.1 + 4.3 \stackrel{?}{=} 1.2$$

 $1.2 = 1.2 \checkmark$

2.
$$k + (-10) = -1$$

 $k - 10 = -1$
 $+ 10 + 10$
 $k = 9$

Check:
$$9 + (-10) \stackrel{?}{=} -1$$

-1 = -1/

Solve each equation & check your solution.



Solve each equation.

5.
$$m = (= \frac{3}{8}) = -\frac{5}{16}$$

 $m + \frac{3}{8} = -\frac{5}{16}$
 $-\frac{3}{8} = -\frac{5}{16}$
 $-\frac{3}{8} = -\frac{3}{16}$
 $m = -\frac{1}{16}$

Check:
$$-\frac{11}{16} - \left(-\frac{3}{8}\right) \stackrel{?}{=} -\frac{5}{16}$$

 $-\frac{5}{16} = -\frac{5}{16}$

2

6.
$$-\frac{5}{6} + f = -3\frac{1}{2} + \frac{1}{2}$$
 improper
 $-\frac{5}{6} + f = -\frac{7}{2}$ improper
 $+\frac{5}{6} + f = -\frac{7}{2}$
 $+\frac{5}{6} + \frac{5}{8}$

Check:
$$-\frac{5}{6} + -\frac{8}{3} = -\frac{7}{2}$$

 $-\frac{7}{2} = -\frac{7}{2}$

Solve each equation & check your solution.



8.
$$-2.4p = -1.44$$

 $-2.4 p = -2.4$
 $p = 0.6$
Check: $-2.4 \cdot (0.6) = -1.44$
 $-1.44 = -1.44 \sqrt{2}$





Solve each equation.

11.
$$2\frac{1}{3}m = -3\frac{1}{9}$$

 $\frac{3}{3}m = -\frac{28}{3}$
 $\frac{3}{3}m = -\frac{28}{3}$
 $\frac{3}{3}m = -\frac{28}{9}$
 $\frac{3}{3}m = -\frac{28}{9}$

2.
$$-\frac{5}{-5} = -0.75$$

 $W = 0.15$

$$13. -15 = 45k 45 -\frac{1}{3} = k -\frac{1}{3} = k$$

14.
$$5\frac{1}{4} = 3\frac{1}{2}f$$

 $\frac{2}{4} = \frac{2}{5}f$
 $\frac{2}{5}f$
 $\frac{2}{5}f$
 $\frac{2}{5}f$
 $\frac{2}{5}f$
 $\frac{2}{5}f$

2.2 Part 1 Solving One Step Equations (work).notebook





17. The area of a rectangle is 28 cm^2 . Find the width. Write an equation and solve. $A = \pounds w^ 28 = \pounds w^-$

6 cm < leyts w

18. One fourth of a number is -16.325. What is the number? Define a variable, write an equation and solve. Let x = the number $\frac{1}{4} \cdot x = \frac{-16.325}{\frac{1}{4}}$