

Solve 1-step linear equations involving $+/-$

1 a) What is the inverse of $+ 14$?

Tick your answer.

$+ 14$

$\times 14$

$- 14$

$\div 14$

b) Solve $a + 14 = 31$

$$a = \boxed{}$$

2 a) What is the inverse of $+ 23$?

b) Solve $b + 23 = 57$

$$b = \boxed{}$$

3 Solve the equations.

a) $d + 19 = 49$

$$d = \boxed{}$$

b) $k + 24 = 59$

$$k = \boxed{}$$

4 Solve the equations.

a) $t + 43 = 83$

$t =$

b) $n + 134 = 279$

$n =$

5 a) What is the inverse of -23 ?

Tick your answer.

$+ 23$

$\times 23$

$- 23$

$\div 23$

b) Solve $c - 23 = 45$

$c =$

6 a) What is the inverse of -37 ?

b) Solve $d - 37 = 24$

$d =$

7

Solve the equations.

a) $p - 19 = 38$

$p = \boxed{}$

b) $d - 34 = 59$

$d = \boxed{}$

c) $y - 234 = 345$

$y = \boxed{}$

d) $a - 400 = 400$

$a = \boxed{}$

e) $g - 3000 = 200$

$g = \boxed{}$

8

Here are two equations.

$a + 34 = 78$

$a - 34 = 78$

a) What is the same and what is different?

How would you solve each equation?

b) How could you check your answers?

9

Solve the equations.

a) $t + 78 = 97$

$t = \boxed{}$

b) $j - 545 = 1$

$j = \boxed{}$

c) $k - 78 = 97$

$k = \boxed{}$

d) $m + 219 = 415$

$m = \boxed{}$

e) $f + 54 = 550$

$f = \boxed{}$

f) $u - 101 = 399$

$u = \boxed{}$

g) $b + 276 = 276$

$b = \boxed{}$

10 Tick the equations that are the same as $a + 13 = 57$

$$57 = a + 13$$

$$13 + a = 57$$

$$13 = 57 + a$$

$$13 = a + 57$$

Explain your answer.

11 Solve the equations.

a) $17 + p = 35$

$$p = \boxed{}$$

b) $471 = r + 243$

$$r = \boxed{}$$

c) $381 = 7 + e$

$$e = \boxed{}$$

12 Match the equations to the solutions.

$$65 = x - 13$$

$$x = 52$$

$$x - 13 = 39$$

$$x = 26$$

$$13 + x = 39$$

$$x = 78$$

How can you check your answers?

13

Solve the equations.

a) $54 + m = 89$

$m =$

b) $208 = h - 101$

$h =$

c) $193 = x + 27$

$x =$

d) $3467 = r + 1084$

$r =$

14

Max is solving this equation.

$h + 2.7 = 7.8$



To solve the equation, I need to work out $7.8 + 2.7$

a) Explain why Max is wrong.

b) Solve the equation $h + 2.7 = 7.8$

$h =$

