

Name _____

Date _____

Pre-Algebra Exam

a) $i + 3 = 15$ - 3

$i =$ 12

b) $3 = f - 13$ + 13

16 $= f$

Solve the Equation by adding or subtracting. Fill the blanks with the operation and with the solution

(1) $h - 7 = 11$
 $h =$

(2) $g + 15 = 25$
 $g =$

(3) $w + 11 = 14$
 $w =$

(4) $g + 14 = 23$
 $g =$

(5) $i + 13 = 24$
 $i =$

(6) $w - 4 = 5$
 $w =$

(7) $27 = z + 14$
 $z =$

(8) $8 = m - 4$
 $m =$

(9) $x - 15 = 3$
 $x =$

(10) $d - 15 = 10$
 $d =$

(11) $k + 12 = 18$
 $k =$

(12) $3 = s - 3$
 $s =$

Solve the Equation by multiplying or dividing. Fill the blanks with the operation and with the solution. Use the "/" key for division and the "*" or "x" for multiplication

a) $14 = 2i$: 2 $\quad$ b) $-8 = t(2)$: 2 $\quad$ c) $\frac{z}{6} = -6$ · 6 $\quad$ d) $5 = -\frac{1}{4}i$ · (-4)
7 $= i$ - 4 $= t$ $\quad$ $z =$ - 36 - 20 $= i$

(1) $5q = -15$
 $q =$

(2) $q(7) = 14$
 $q =$

(3) $-15 = -5h$
 $= h$

(4) $35 = a(5)$
 $= a$

(5) $2d = 10$
 $d =$

(6) $6j = 42$
 $j =$

(7) $\frac{1}{2}f = 5$
 $f =$

(8) $-\frac{w}{4} = -2$
 $w =$

(9) $-42 = y(6)$
 $= y$

(10) $s(-6) = -30$
 $s =$

(11) $-5 = \frac{1}{5}t$
 $= t$

(12) $8 = 2y$
 $= y$