

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

7 $= i$

b) $-8 = t(2)$: 2

- 4 $= t$

c) $\frac{z}{6} = -6$ · 6

$z =$ - 36

d) $5 = -\frac{1}{4}i$ · (-4)

- 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) $8 = 2y$

$y =$