Name _____

Mixed Operations within Conditional Expressions Guided Lesson Explanation

1) p + 24 = c

Find c when p is 92.

Step 1) Rewrite the equation with the number for the variable input.

92 + 24 = c

Step 2) Solve

92 + 24 = 116

2) t = p - 7

Find p when t is 36.

Step 1) Rewrite the equation with the number for the variable input.

36 = p – 7

Step 2) Get the variable "p" by itself.

36 = p – 7
(+7) (+7)

42 = p

3) 2t x 4 = z

Find z when t is 6.

Step 1) Rewrite the equation with the number for the variable input.

2(6) x 4 = z

Step 2) Solve

12 x 4 = z

48 = z

4) 16 ÷ 2h = r

Find h when r is 1.

Step 1) Rewrite the equation with the number for the variable input.

16 ÷ 2h = 1

Step 2) Get the variable "h" by itself.

16 ÷ 2h = 1
(x 16) (x 16)

2h = 16
(÷ 2) (÷ 2)

h = 8