

1.8  
6

$$3 \log(2x-x) = 1$$

$$2 \frac{x-y}{2} - 2 = 2$$

$$3 \log(2x-(4+y)) = 1$$

$$3 \log(x-4) = 1$$

$$3 \log(x-5) = 3^0$$

$$\log_{10} x - 4 = 0$$

$$10^0 = x - 4$$

$$\boxed{15 = x}$$

$$\boxed{x = 9}$$

$$\frac{x-y}{2} = 2^2$$

$$\frac{x-y}{2} = 2$$

$$x - y = 4$$

$$\boxed{x = 4 + y}$$

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