

Work sheet Nov. 15

$$m(x) = 3x^2 - 4$$

$$a(x) = \frac{5x-4}{2}$$

$$t(x) = \frac{1}{2}x + 2(x-3)$$

$$h(x) = (2x-3) + (4x-1)$$

- a)  $m(2) + m(7)$       b)  $t(a(4))$       c)  $m(a(t(h(1))))$   
 d)  $h(t(a(m(1))))$       e)  $t(10)$       f)  $a(-8)$   
 g)  $m(7) - t(-4)$       h)  $h(0)$       i)  $m(3) + a(2) + t(20) - h(4)$   
 j)  $m\left(\frac{1}{3}\right)$       .

Using the same functions, determine the  $x$  value.

a)  $h(x) = 116$

b)  $t(x) = 94$

c)  $a(x) = 53$

d)  $m(x) = 359$

e)  $t(x) = 154$

f)  $a(x) = 118$

## Attachments

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FunctionNotationWorksheet.pdf