Composition of Three Functions

Choose the correct choice that best describes $f \circ (g \circ h)$.

1) $f(x) = x - 2$; $g(x) = x + 1$; $h(x) = x - 3$.

   a) $x - 2$

   b) $x - 4$

   c) $-x + 2$

   d) $-x + 8$

2) $f(x) = 2x - 4$; $g(x) = x + 7$; $h(x) = x - 5$.

   a) $2x + 5$

   b) $2x + 10$

   c) $2x$

   d) $x + 2$

3) $f(x$

   a)

   b)

   c)

   d)

5) $f(x$

   a)

   b)

   c)

   d)

7) $f(x$

   a)

Preview

Become a member to unlock
unrestricted access to both printable
and online worksheets.

www.tutoringhour.com

   b) $5x - 14$

   c) $-5x - 14$

   d) $5x - 49$

   b) $36x - 45$

   c) $36x - 135$

   d) $-36x - 42$

9) $f(x) = x - 6$; $g(x) = x - 3$; $h(x) = x - 9$.

   a) $x - 6$

   b) $x - 12$

   c) $-x - 12$

   d) $x - 18$

10) $f(x) = 7x - 4$; $g(x) = 3x + 8$; $h(x) = x + 2$.

   a) $21x - 2$

   b) $21x + 30$

   c) $21x + 94$

   d) $21x + 2$