Composite Functions

If $f(x) = 2x$, $g(x) = x-3$ and $h(x) = x^2$

Find the following: (write x^2 as x^2)

1. fg(x)
2. gf(x)
3. gh(x)
4. hf(x)
5. ghf(x)
6. hgf(x)
7. fg(4)
8. gf(7)
9. gh(-3)
10. fgf(2)
11. ggg(10)
12. hfh(-2)
13. x if f(x) = g(x)
14. x if gf(x) = 0
15. x if fg(x) = 4

LIVEWORKSHEETS