Name : _____ Score : _____

Teacher : _____ Date : _____

Function Operations

Perform the given operation.

1) $f(n) = -10n - 5$
$h(n) = 5n^2 - 9$
Find $(f \cdot h)(n)$

2) $p(z) = z^3 - 7z$
$f(z) = 6z + 5$
Find $(\frac{f}{p})(z)$

3) $h(s) = 10s - 3$
$f(s) = 9s + 4$
Find $(h \circ f)(s)$

4) $h(y) = 4y + 7$
$g(y) = y^2 + 3$
Find $(g \circ h)(y - 10)$

5) $f(d) = -9d - 7$
$h(d) = -10d^2 - 8$
Find $(f \cdot h)(d)$

6) $p(k) = k^3 + 8k$
$f(k) = 7k - 9$
Find $(\frac{f}{p})(k)$

7) $h(m) = 2m + 4$
$f(m) = -2m - 8$
Find $(h \circ f)(m)$

8) $h(n) = 8n + 11$
$g(n) = n^2 - 5$
Find $(g \circ h)(n + 10)$

9) $f(k) = 9k - 11$
$h(k) = 5k^2 + 10$
Find $(f \cdot h)(k)$

10) $p(s) = s^3 - 5s$
$f(s) = -3s - 6$
Find $(\frac{f}{p})(s)$

Math-Aids.Com