Name:

Date:

Operations with Polynomials

Find each product.

1) $5\,(6x - 1)$

2) $(9x + 1)(3x - 1)$

3) $3x^2\,(6x - 5)$

4) $8\,(3x + 7)$

5) $-7x^4\,(2x - 4)$

6) $(7x + 3)(5x - 6)$

7) $4\,(4x^2 - 2x + 1)$

8) $5x^2\,(7x - 2)$

9) $8x\,(5x^2 + 3x + 8)$

10) $6x^3\,(-3x + 4)$

Answer Key - www.testinar.com

Scan me for more PRACTICE
testinar.com/t/?c=10

1) $5\,(6\,x\,-\,1)$

$30\,x\,-\,5$

2) $(9\,x\,+\,1)(3\,x\,-\,1)$

$27\,x^2\,-\,6\,x\,-\,1$

3) $3\,x^2\,(6\,x\,-\,5)$

$18\,x^3\,-\,15\,x^2$

4) $8\,(3\,x\,+\,7)$

$24\,x\,+\,56$

5) $-\,7\,x^4\,(2\,x\,-\,4)$

$-\,14\,x^5\,+\,28\,x^4$

6) $(7\,x\,+\,3)(5\,x\,-\,6)$

$35\,x^2\,-\,27\,x\,-\,18$

7) $4\,(4\,x^2\,-\,2\,x\,+\,1)$

$16\,x^2\,-\,8\,x\,+\,4$

8) $5\,x^2\,(7\,x\,-\,2)$

$35\,x^3\,-\,10\,x^2$

9) $8\,x\,(5\,x^2\,+\,3\,x\,+\,8)$

$40\,x^3\,+\,24\,x^2\,+\,64\,x$

10) $6\,x^3\,(-3\,x\,+\,4)$

$-\,18\,x^4\,+\,24\,x^3$