

# Multiply Expressions 3

HSEPREP.COM

HSEPREP@GMAIL.COM

---

1)  $(8n + 1)(5n^3 + n^2)$

6)  $(2y + 5)(7y - 1)$

2)  $(y + 4)(6y^5 - 9y^4)$

7)  $(-9m^4 + 6m^3)(-7m^4 + 9m^3)$

3)  $(-4b^3 + 4b^2)(5b^3 - 7b^2)$

8)  $(-4y^3 - 7y^2)(5y + 9)$

4)  $(-2r^3 + 2r^2)(4r^4 + 6r^3)$

9)  $(5d^2 + 9d)(7d^5 - 8d^4)$

5)  $(b^4 + b^3)(b^3 - 9b^2)$

10)  $(5d^5 - 8d^4)(-9d + 7)$

---

HSEPREP.COM

HSEPREP@GMAIL.COM

# Multiply Expressions 3

HSEPREP.COM

HSEPREP@GMAIL.COM

---

1)  $(8n + 1)(5n^3 + n^2)$   
 $40n^4 + 13n^3 + n^2$

6)  $(2y + 5)(7y - 1)$   
 $14y^2 + 33y - 5$

2)  $(y + 4)(6y^5 - 9y^4)$   
 $6y^6 + 15y^5 - 36y^4$

7)  $(-9m^4 + 6m^3)(-7m^4 + 9m^3)$   
 $63m^8 - 123m^7 + 54m^6$

3)  $(-4b^3 + 4b^2)(5b^3 - 7b^2)$   
 $-20b^6 + 48b^5 - 28b^4$

8)  $(-4y^3 - 7y^2)(5y + 9)$   
 $-20y^4 - 71y^3 - 63y^2$

4)  $(-2r^3 + 2r^2)(4r^4 + 6r^3)$   
 $-8r^7 - 4r^6 + 12r^5$

9)  $(5d^2 + 9d)(7d^5 - 8d^4)$   
 $35d^7 + 23d^6 - 72d^5$

5)  $(b^4 + b^3)(b^3 - 9b^2)$   
 $b^7 - 8b^6 - 9b^5$

10)  $(5d^5 - 8d^4)(-9d + 7)$   
 $-45d^6 + 107d^5 - 56d^4$

---

HSEPREP.COM

HSEPREP@GMAIL.COM