



# Multiplying Monomials

Name \_\_\_\_\_

Score \_\_\_\_\_

MP:01

1) Multiply  $5xyz$  and  $-2xy$

2) Multiply  $a^3b^2$  and  $7a^3b^2$

3) Multiply  $-10k$  and  $-4k$

4) Multiply  $-7t^5$  and  $3t^5$

5) Multiply  $-8m$  and  $-6n$

6) Multiply  $-4u^2v$  and  $11$

7) Multiply  $g^3$  and  $9g^2$

8) Multiply  $2d$  and  $-7d^4$



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## Answer key

MP:01

1) Multiply  $5xyz$  and  $-2xy$

$$\mathbf{-10x^2y^2z}$$

3) Multiply  $-10k$  and  $-4k$

$$\mathbf{40k^2}$$

5) Multiply  $-8m$  and  $-6n$

$$\mathbf{48mn}$$

7) Multiply  $g^3$  and  $9g^2$

$$\mathbf{9g^5}$$

2) Multiply  $a^3b^2$  and  $7a^3b^2$

$$\mathbf{7a^6b^4}$$

4) Multiply  $-7t^5$  and  $3t^5$

$$\mathbf{-21t^{10}}$$

6) Multiply  $-4u^2v$  and  $11$

$$\mathbf{-44u^2v}$$

8) Multiply  $2d$  and  $-7d^4$

$$\mathbf{-14d^5}$$