



# Dividing Monomials

Name \_\_\_\_\_

Score \_\_\_\_\_

DP:03

1) Divide  $9u^6v^9w^{11}$  by  $-6uvw^6$

2) Divide  $9k^3$  by  $3k$

3) Divide  $70m^7n^8$  by  $10mn^3$

4) Divide  $45b^5c^5d^5$  by  $5b^2c$

5) Divide  $-24p^4q^8r^2s^9$  by  $-2pqr^2s^6$

6) Divide  $4g^6h^3$  by  $4$

7) Divide  $14a^7$  by  $16a^2$

8) Divide  $63x^6yz^2$  by  $7x^2z$



# Dividing Monomials

Name \_\_\_\_\_

Score \_\_\_\_\_

## Answer key

DP:03

1) Divide  $9u^6v^9w^{11}$  by  $-6uvw^6$

$$-\frac{3}{2}u^5v^8w^5$$

2) Divide  $9k^3$  by  $3k$

$$3k^2$$

3) Divide  $70m^7n^8$  by  $10mn^3$

$$7m^6n^5$$

4) Divide  $45b^5c^5d^5$  by  $5b^2c$

$$9b^3c^4d^5$$

5) Divide  $-24p^4q^8r^2s^9$  by  $-2pqr^2s^6$

$$12p^3q^7s^3$$

6) Divide  $4g^6h^3$  by  $4$

$$g^6h^3$$

7) Divide  $14a^7$  by  $16a^2$

$$-\frac{7}{8}a^5$$

8) Divide  $63x^6yz^2$  by  $7x^2z$

$$9x^4yz$$