



# Dividing Monomials

Name \_\_\_\_\_

Score \_\_\_\_\_

DP:02

1) Divide  $-21ab^5c^8$  by  $3abc^2$

2) Divide  $56pq^5r^8$  by  $8pqr$

3) Divide  $81t^9$  by  $9t^7$

4) Divide  $-72m^6n^6$  by  $-12mn$

5) Divide  $60x^6y^{10}$  by  $-10$

6) Divide  $35z^7$  by  $7z^2$

7) Divide  $u^6v^3w^7$  by  $u^4vw^4$

8) Divide  $-10a^3b^{11}$  by  $6a^2b^8$



# Dividing Monomials

Name \_\_\_\_\_

Score \_\_\_\_\_

## Answer key

DP:02

1) Divide  $-21ab^5c^8$  by  $3abc^2$

$-7b^4c^6$

2) Divide  $56pq^5r^8$  by  $8pqr$

$7q^4r^7$

3) Divide  $81t^9$  by  $9t^7$

$9t^2$

4) Divide  $-72m^6n^6$  by  $-12mn$

$6m^5n^5$

5) Divide  $60x^6y^{10}$  by  $-10$

$-6x^6y^{10}$

6) Divide  $35z^7$  by  $7z^2$

$5z^5$

7) Divide  $u^6v^3w^7$  by  $u^4vw^4$

$u^2v^2w^3$

8) Divide  $-10a^3b^{11}$  by  $6a^2b^8$

$-\frac{5}{3}ab^3$