Dividing Monomials

1) Divide $64x^5y^6z^{10}$ by $4xyz$

2) Divide $-14a^4b^8$ by $7ab^7$

3) Divide $6m^{11}n^9$ by $9m^6n^3$

4) Divide $55p^2q^6r^9s^{11}$ by $-11pq^2rs^9$

5) Divide $-42k^5$ by $-7k^2$

6) Divide $3u^5v^5w^4$ by u^3vw^2

7) Divide $18g^3h^2$ by 8

8) Divide $90d^{15}$ by $15d^{10}$

Dividing Monomials

Answer key

1) Divide $64x^5y^6z^{10}$ by $4xyz$

$16x^4y^5z^9$

2) Divide $-14a^4b^8$ by $7ab^7$

$-2a^3b$

3) Divide $6m^{11}n^9$ by $9m^6n^3$

$\dfrac{2}{3}m^5n^6$

4) Divide $55p^2q^6r^9s^{11}$ by $-11pq^2rs^9$

$-5pq^4r^8s^2$

5) Divide $-42k^5$ by $-7k^2$

$6k^3$

6) Divide $3u^5v^5w^4$ by u^3vw^2

$3u^2v^4w^2$

7) Divide $18g^3h^2$ by 8

$\dfrac{9}{4}g^3h^2$

8) Divide $90d^{15}$ by $15d^{10}$

$6d^5$