Name

Polynomial Algebra - Difference of Exponents (Variables) Divided by Second Exponent - Simplify

1 What does this expression simplify to?

$$\frac{d^4 - d^3}{d^3}$$

A $(d+1)(d-1)$ B $d-1$

C $(d+1)^2$ D $d+1$

2 What does this expression simplify to?

$$\frac{p^5 - p^4}{p^4}$$

A $p-1$ B $(p+1)^2$

C $(p+1)(p-1)$ D $p+1$

3 What does this expression simplify to?

$$\frac{y^4 + y^3}{y^3}$$

A $y+1$ B $(y+1)^2$

C $y-1$ D $(y+1)(y-1)$

4 What does this expression simplify to?

$$\frac{y^4 - y^3}{y^3}$$

A $(y+1)^2$ B $y+1$

C $y-1$ D $(y+1)(y-1)$

5 What does this expression simplify to?

$$\frac{z^5 - z^4}{z^4}$$

A $z+1$ B $z-1$

C $(z+1)^2$ D $(z+1)(z-1)$

6 What does this expression simplify to?

$$\frac{z^2 - z^1}{z^1}$$

A $z-1$ B $(z+1)^2$

C $z+1$ D $(z+1)(z-1)$

7 What does this expression simplify to?

$$\frac{y^5 - y^4}{y^4}$$

A $y-1$ B $y+1$

C $(y+1)(y-1)$ D $(y+1)^2$

8 What does this expression simplify to?

$$\frac{n^2 - n^1}{n^1}$$

A $n-1$ B $n+1$

C $(n+1)(n-1)$ D $(n+1)^2$