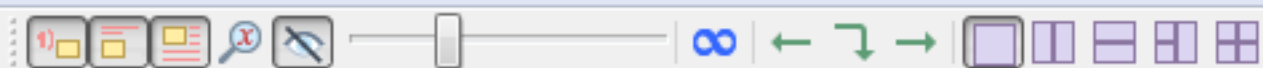


Simplify, using the different Power Rules. All final answers must have a positive exponent.

1) $2r^3 \cdot 8r^4$

$= 16r^7$





Simplify, using the different Power Rules. All final answers must have a positive exponent.

2) $6nn^2$

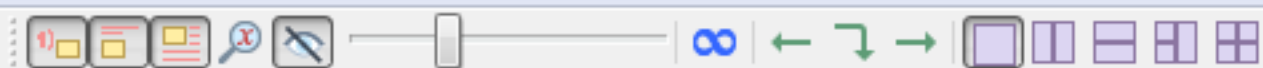
$6n^3$



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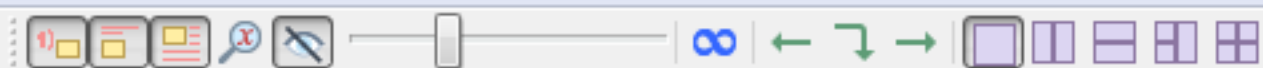




Simplify, using the different Power Rules. All final answers must have a positive exponent.

$$3) \frac{n^3}{3n^2} = \frac{1n^1}{3}$$

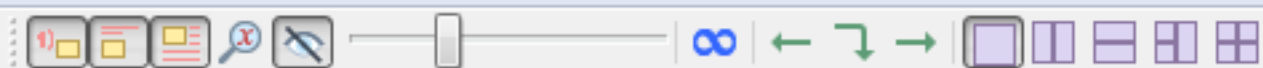




Simplify, using the different Power Rules. All final answers must have a positive exponent.

$$4) \frac{2m^1}{5m^4} = \frac{2}{5m^3}$$



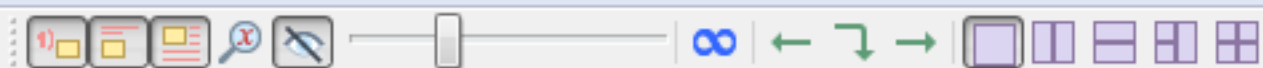


Simplify, using the different Power Rules. All final answers must have a positive exponent.

5) $(n^4)^3$

n^{12}





Simplify, using the different Power Rules. All final answers must have a positive exponent.

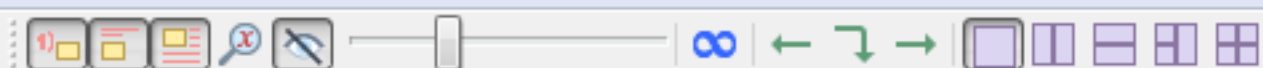
$$6) (3k^0)^2 = 3^2 - (3)(3)$$

$$= 9k^0$$

$$= 9(1)$$

$$= 9$$



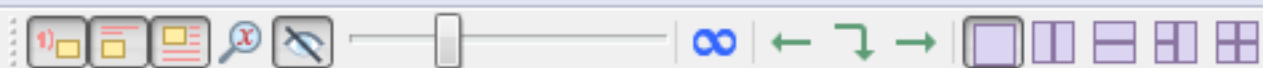


Simplify, using the different Power Rules. All final answers must have a positive exponent.

7) $2b^{-1}$

$$= \frac{2}{b}$$

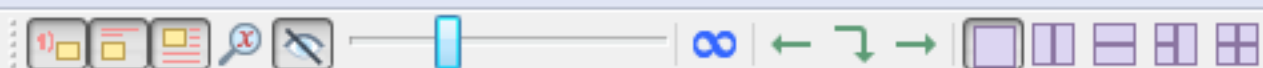




Simplify, using the different Power Rules. All final answers must have a positive exponent.

8) $-4v^{-2}$





Simplify each power expression. Your final answer will only have positive exponents.

9) $4n^2 \cdot 2n$

A) $12n^3$

B) n^2

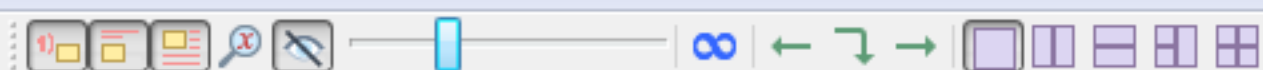
C) $8n^4$

D) $8n^3$

$$4 \times 2 = 8$$

$$= 8n^3$$





Simplify each power expression. Your final answer will only have positive exponents.

10) $x^1 \cdot 2x^1$

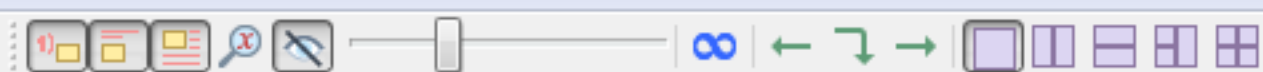
A) $2x^2$

B) $12x^4$

C) $16x^4$

D) $6x^4$





Simplify each power expression. Your final answer will only have positive exponents.

11) $\frac{6p^4}{7p^{-3}}$

A) $\frac{6p^7}{7}$

C) $\frac{7p^2}{5}$

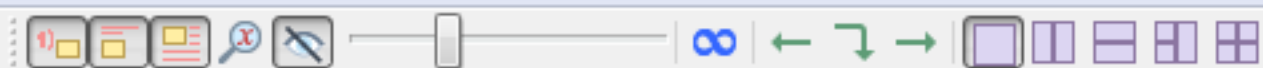
B) $\frac{3p^2}{5}$

D) $\frac{5}{2p}$

$$4 - (-3) \\ 4 + 3 = 7$$

$$= \frac{6p^7}{7}$$





Simplify each power expression. Your final answer will only have positive exponents.

12) $\frac{6k^0}{3k^4}$

A) $6k^3$

B) $\frac{4}{3k}$

C) $\frac{2}{k^4}$

D) $\frac{3}{8k^5}$

$\frac{2}{k^4}$