

Solutions – Negative Indices (A)

Simplify n^{-3}

$$1/n^3$$

Simplify $(y/c)^{-3}$

$$c^3/y^3$$

Simplify $(x/c)^{-4}$

$$c^4/x^4$$

Simplify n^{-1}

$$1/n$$

Simplify $(y/a)^{-3}$

$$a^3/y^3$$

Simplify n^{-8}

$$1/n^8$$

Solutions – Negative Indices (B)

Simplify n^{-1}

$$1/n$$

Simplify $(n/c)^{-1}$

$$c/n$$

Simplify $(c/b)^{-1}$

$$b/c$$

Simplify m^{-3}

$$1/m^3$$

Simplify m^{-4}

$$1/m^4$$

Simplify $(c/n)^{-4}$

$$n^4/c^4$$

Solutions – Negative Indices (C)

Simplify $(c/y)^{-1}$

$$y/c$$

Simplify x^{-4}

$$1/x^4$$

Simplify n^{-4}

$$1/n^4$$

Simplify $(x/m)^{-3}$

$$m^3/x^3$$

Simplify b^{-6}

$$1/b^6$$

Simplify $(b/y)^{-3}$

$$y^3/b^3$$

Solutions – Negative Indices (D)

Simplify $(x/a)^{-4}$

$$a^4/x^4$$

Simplify b^{-8}

$$1/b^8$$

Simplify a^{-4}

$$1/a^4$$

Simplify n^{-2}

$$1/n^2$$

Simplify $(a/x)^{-1}$

$$x/a$$

Simplify $(a/b)^{-2}$

$$b^2/a^2$$

Solutions – Negative Indices (E)

Simplify $(x/n)^{-3}$

$$n^3/x^3$$

Simplify n^{-7}

$$1/n^7$$

Simplify m^{-3}

$$1/m^3$$

Simplify y^{-7}

$$1/y^7$$

Simplify $(a/m)^{-4}$

$$m^4/a^4$$

Simplify $(x/a)^{-4}$

$$a^4/x^4$$

Solutions – Negative Indices (F)

Simplify a^{-1}

$$1/a$$

Simplify $(n/x)^{-4}$

$$x^4/n^4$$

Simplify $(c/n)^{-4}$

$$n^4/c^4$$

Simplify y^{-6}

$$1/y^6$$

Simplify $(m/x)^{-1}$

$$x/m$$

Simplify x^{-6}

$$1/x^6$$

Solutions – Negative Indices (G)

Simplify $(c/b)^{-3}$

$$b^3/c^3$$

Simplify n^{-1}

$$1/n$$

Simplify m^{-1}

$$1/m$$

Simplify $(a/b)^{-4}$

$$b^4/a^4$$

Simplify $(a/n)^{-3}$

$$n^3/a^3$$

Simplify b^{-1}

$$1/b$$

Solutions – Negative Indices (H)

Simplify b^{-4}

$$1/b^4$$

Simplify y^{-8}

$$1/y^8$$

Simplify b^{-6}

$$1/b^6$$

Simplify $(a/b)^{-4}$

$$b^4/a^4$$

Simplify $(n/a)^{-1}$

$$a/n$$

Simplify $(n/c)^{-3}$

$$c^3/n^3$$

Solutions – Negative Indices (I)

Simplify $(x/m)^{-2}$

$$m^2/x^2$$

Simplify m^{-6}

$$1/m^6$$

Simplify n^{-1}

$$1/n$$

Simplify $(n/c)^{-2}$

$$c^2/n^2$$

Simplify $(b/m)^{-4}$

$$m^4/b^4$$

Simplify x^{-6}

$$1/x^6$$

Solutions – Negative Indices (J)

Simplify $(c/m)^{-1}$

$$m/c$$

Simplify $(m/y)^{-1}$

$$y/m$$

Simplify $(b/c)^{-3}$

$$c^3/b^3$$

Simplify a^{-7}

$$1/a^7$$

Simplify y^{-2}

$$1/y^2$$

Simplify x^{-3}

$$1/x^3$$