mobius

Exponents - Division - Negative by Positive to Negative Fraction

Name _____

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1 Find the answer when these terms are divided

$$\frac{b^{-3}}{b^3}$$

A $\dfrac{1}{b^3}$ B $\dfrac{1}{b^7}$ C $\dfrac{1}{b^8}$

D $\dfrac{1}{b^9}$ E $\dfrac{1}{b^6}$ F $\dfrac{1}{b^4}$

2 Find the answer when these terms are divided

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

A $\dfrac{1}{r^6}$ B $\dfrac{1}{r^{10}}$ C $\dfrac{1}{r^7}$

D $\dfrac{1}{r^8}$ E $\dfrac{1}{r^4}$ F $\dfrac{1}{r^5}$

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3 Find the answer when these terms are divided

$$\frac{p^{-3}}{p^3}$$

A $\dfrac{1}{p^5}$ B $\dfrac{1}{p^3}$ C $\dfrac{1}{p^6}$

D $\dfrac{1}{p^4}$ E $\dfrac{1}{p^8}$ F $\dfrac{1}{p^7}$

4 Find the answer when these terms are divided

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

A $\dfrac{1}{y^9}$ B $\dfrac{1}{y^{11}}$ C $\dfrac{1}{y^6}$

D $\dfrac{1}{y^8}$ E $\dfrac{1}{y^5}$ F $\dfrac{1}{y^7}$

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5 Find the answer when these terms are divided

$$\frac{y^{-5}}{y^1}$$

A $\dfrac{1}{y^3}$ B $\dfrac{1}{y^4}$ C $\dfrac{1}{y^8}$

D $\dfrac{1}{y^9}$ E $\dfrac{1}{y^5}$ F $\dfrac{1}{y^6}$

6 Find the answer when these terms are divided

$$\frac{r^{-5}}{r^1}$$

A $\dfrac{1}{r^6}$ B $\dfrac{1}{r^4}$ C $\dfrac{1}{r^3}$

D $\dfrac{1}{r^9}$ E $\dfrac{1}{r^5}$ F $\dfrac{1}{r^7}$

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7 Find the answer when these terms are divided

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

A $\dfrac{1}{p^8}$ B $\dfrac{1}{p^{11}}$ C $\dfrac{1}{p^7}$

D $\dfrac{1}{p^5}$ E $\dfrac{1}{p^6}$ F $\dfrac{1}{p^9}$

8 Find the answer when these terms are divided

$$\frac{p^{-3}}{p^1}$$

A $\dfrac{1}{p^3}$ B $\dfrac{1}{p^7}$ C $\dfrac{1}{p^4}$

D $\dfrac{1}{p^6}$ E $\dfrac{1}{p^2}$ F $\dfrac{1}{p^5}$