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Math worksheet on *'Exponents - Division Answer First - Positive by Positive to Positive (Level 2)'*. Part of a broader unit on *'Exponents - Division - Intro'*

Learn online: app.mobius.academy/math/units/exponents_division_intro/

1 Which division would result in this exponent

y^3

a $\frac{y^{10}}{y^7}$ **b** $\frac{y^8}{y^7}$ **c** $\frac{y^9}{y^7}$

d $\frac{y^{10}}{y^9}$ **e** $\frac{y^{10}}{y^8}$

2 Which division would result in this exponent

p

a $\frac{p^5}{p^7}$ **b** $\frac{p^{10}}{p^7}$ **c** $\frac{p^7}{p^7}$

d $\frac{p^9}{p^7}$ **e** $\frac{p^8}{p^7}$

3 Which division would result in this exponent

n^7

a $\frac{n^{10}}{n^3}$ **b** $\frac{n^7}{n^3}$ **c** $\frac{n^{10}}{n^2}$

d $\frac{n^{10}}{n^1}$ **e** $\frac{n^9}{n^3}$

4 Which division would result in this exponent

m^0

a $\frac{m^{10}}{m^8}$ **b** $\frac{m^9}{m^{10}}$ **c** $\frac{m^{10}}{m^{12}}$

d $\frac{m^7}{m^{10}}$ **e** $\frac{m^{10}}{m^{10}}$

5 Which division would result in this exponent

x^3

a $\frac{x^7}{x^4}$ **b** $\frac{x^6}{x^4}$ **c** $\frac{x^7}{x^5}$

d $\frac{x^7}{x^1}$

6 Which division would result in this exponent

x^5

a $\frac{x^{10}}{x^6}$ **b** $\frac{x^9}{x^6}$ **c** $\frac{x^{11}}{x^3}$

d $\frac{x^{11}}{x^4}$ **e** $\frac{x^{11}}{x^6}$

7 Which division would result in this exponent

d^7

a $\frac{d^{13}}{d^4}$ **b** $\frac{d^{11}}{d^3}$ **c** $\frac{d^{11}}{d^5}$

d $\frac{d^{11}}{d^4}$ **e** $\frac{d^{11}}{d^2}$