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Math worksheet on *'Exponents - Division - Negative by Negative to Negative Fraction (Level 2)'*. Part of a broader unit on *'Exponents - Multiplication and Division - Advanced'*

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1 Find the answer when these terms are divided

$$\frac{y^{-11}}{y^{-3}}$$

a $\frac{1}{y^{8}}$ **b** $\frac{1}{y^{7}}$ **c** $\frac{1}{y^{10}}$

d $\frac{1}{y^{11}}$ **e** $\frac{1}{y^{5}}$ **f** $\frac{1}{y^{9}}$

2 Find the answer when these terms are divided

$$\frac{z^{-12}}{z^{-10}}$$

a $\frac{1}{z^{4}}$ **b** 1 **c** $\frac{1}{z^{5}}$

d $\frac{1}{z}$ **e** z **f** $\frac{1}{z^{2}}$

3 Find the answer when these terms are divided

$$\frac{c^{-9}}{c^{-6}}$$

a $\frac{1}{c^{2}}$ **b** $\frac{1}{c^{6}}$ **c** $\frac{1}{c}$

d $\frac{1}{c^{5}}$ **e** $\frac{1}{c^{3}}$ **f** c^{0}

4 Find the answer when these terms are divided

$$\frac{b^{-10}}{b^{-6}}$$

a $\frac{1}{b}$ **b** $\frac{1}{b^{5}}$ **c** $\frac{1}{b^{2}}$

d $\frac{1}{b^{6}}$ **e** $\frac{1}{b^{4}}$ **f** $\frac{1}{b^{3}}$

5 Find the answer when these terms are divided

$$\frac{p^{-9}}{p^{-6}}$$

a $\frac{1}{p^{5}}$ **b** $\frac{1}{p^{6}}$ **c** $\frac{1}{p^{2}}$

d p^{0} **e** $\frac{1}{p^{4}}$ **f** $\frac{1}{p^{3}}$

6 Find the answer when these terms are divided

$$\frac{r^{-12}}{r^{-3}}$$

a $\frac{1}{r^{9}}$ **b** $\frac{1}{r^{6}}$ **c** $\frac{1}{r^{8}}$

d $\frac{1}{r^{10}}$ **e** $\frac{1}{r^{7}}$ **f** $\frac{1}{r^{11}}$

7 Find the answer when these terms are divided

$$\frac{c^{-11}}{c^{-8}}$$

a 1 **b** $\frac{1}{c^{4}}$ **c** $\frac{1}{c^{3}}$

d $\frac{1}{c^{5}}$ **e** c^{0} **f** $\frac{1}{c^{6}}$