

Mathematics

Negative Indices Worksheet

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Questions

1) Evaluate the following:

a) 3^{-3}

b) 10^{-1}

c) 2^{-5}

d) 6^{-3}

e) 2^{-6}

f) 10^{-4}



Questions

2) Write each of the following in index form:

a) $\frac{1}{6^5}$

b) $\frac{1}{4^5}$

c) $\frac{1}{3^4}$

d) $\frac{1}{5^3}$



Questions

3) Write each of the following as fractions:

a) a^{-2}

b) m^{-1}

c) t^{-4}

d) $4^{-\frac{5}{2}}$

e) $10000^{-\frac{2}{5}}$

f) $8^{-\frac{2}{3}}$

