

Fractional and Negative Indices

Increasingly
Difficult
Exercises

a)

$$3^2$$

b)

$$2^5$$

c)

$$\left(\frac{1}{2}\right)^3$$

d)

$$\left(\frac{2}{3}\right)^4$$

e)

$$\left(\frac{1}{3}\right)^{-2}$$

f)

$$5^{-1}$$

g)

$$9^{\frac{1}{2}}$$

h)

$$\left(\frac{16}{25}\right)^{\frac{1}{2}}$$

i)

$$\left(\frac{8}{27}\right)^{-\frac{1}{3}}$$

j)

$$16^{\frac{3}{4}}$$

k)

$$\left(\frac{1}{32}\right)^{\frac{2}{5}}$$

l)

$$\left(\frac{4}{9}\right)^{-2.5}$$

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