**Odd One Out**

**Harder Indices**

Work out the answers to each calculation. Colour in the odd one out on each row.

|  |  |  |
| --- | --- | --- |
| $$\left(\frac{1}{4}\right)^{-2}$$ | $$\left(\frac{1}{64}\right)^{-^{1}/\_{2}}$$ | $$64^{^{2}/\_{3}}$$ |
| $$2^{-3}$$ | $$\left(\frac{1}{64}\right)^{^{1}/\_{2}}$$ | $$16^{^{-1}/\_{2}}$$ |
| $$27^{^{2}/\_{3}}$$ | $$9^{^{1}/\_{2}}$$ | $$\left(\frac{1}{3}\right)^{-2}$$ |
| $$1000^{^{1}/\_{3}}$$ | $$10^{-1}$$ | $$\left(\frac{1}{100}\right)^{^{1}/\_{2}}$$ |
| $$\left(\frac{3}{2}\right)^{2}$$ | $$\left(\frac{2}{3}\right)^{-1}$$ | $$\left(\frac{27}{8}\right)^{^{1}/\_{3}}$$ |
| $$5^{2}$$ | $$\left(\frac{1}{125}\right)^{^{-2}/\_{3}}$$ | $$\left(\frac{1}{5}\right)^{-1}$$ |
| $$4^{-1}$$ | $$\left(\frac{1}{16}\right)^{^{1}/\_{2}}$$ | $$8^{^{2}/\_{3}}$$ |
| $$\left(\frac{8}{27}\right)^{^{2}/\_{3}}$$ | $$\left(\frac{4}{9}\right)^{-1}$$ | $$\left(\frac{81}{16}\right)^{^{1}/\_{2}}$$ |
| $$216^{^{2}/\_{3}}$$ | $$6^{2}$$ | $$\left(\frac{1}{6}\right)^{-3}$$ |
| $$\left(\frac{1}{3}\right)^{-2}$$ | $$\left(\frac{1}{9}\right)^{^{1}/\_{2}}$$ | $$27^{^{2}/\_{3}}$$ |