|  |  |
| --- | --- |
| **Odd One Out** | **Harder Indices** |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **A** | $$\left(\frac{1}{4}\right)^{-2}$$ | $$\left(\frac{1}{64}\right)^{-^{1}/\_{2}}$$ | $$64^{^{2}/\_{3}}$$ |
| **B** | $$2^{-3}$$ | $$\left(\frac{1}{64}\right)^{^{1}/\_{2}}$$ | $$16^{^{-1}/\_{2}}$$ |
| **C** | $$8^{-^{2}/\_{3}}$$ | $$\left(\frac{1}{4}\right)^{^{1}/\_{2}}$$ | $$2^{-1}$$ |
| **D** | $$27^{^{2}/\_{3}}$$ | $$9^{^{1}/\_{2}}$$ | $$\left(\frac{1}{3}\right)^{-2}$$ |
| **E** | $$1000^{^{1}/\_{3}}$$ | $$10^{-1}$$ | $$\left(\frac{1}{100}\right)^{^{1}/\_{2}}$$ |
| **F** | $$\left(\frac{3}{2}\right)^{2}$$ | $$\left(\frac{2}{3}\right)^{-1}$$ | $$\left(\frac{27}{8}\right)^{^{1}/\_{3}}$$ |
| **G** | $$5^{2}$$ | $$\left(\frac{1}{125}\right)^{^{-2}/\_{3}}$$ | $$\left(\frac{1}{5}\right)^{-1}$$ |
| **H** | $$4^{-1}$$ | $$\left(\frac{1}{16}\right)^{^{1}/\_{2}}$$ | $$8^{^{2}/\_{3}}$$ |
| **I** | $$\left(\frac{8}{27}\right)^{^{2}/\_{3}}$$ | $$\left(\frac{4}{9}\right)^{-1}$$ | $$\left(\frac{81}{16}\right)^{^{1}/\_{2}}$$ |
| **J** | $$216^{^{2}/\_{3}}$$ | $$6^{2}$$ | $$\left(\frac{1}{6}\right)^{-3}$$ |
| **K** | $$\left(\frac{1}{3}\right)^{-2}$$ | $$\left(\frac{1}{9}\right)^{^{1}/\_{2}}$$ | $$27^{^{2}/\_{3}}$$ |
| **L** | $$\left(\frac{16}{243}\right)^{^{1}/\_{4}}$$ | $$\left(\frac{9}{4}\right)^{^{-3}/\_{2}}$$ | $$\left(\frac{8}{27}\right)^{^{1}/\_{3}}$$ |