Match-Up

**Harder Indices**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | $$\sqrt[3]{2}$$ |  | **6** | $$\left(\frac{1}{\sqrt[3]{2}}\right)^{4}$$ |  | **11** | $$\left(\sqrt[3]{2^{2}}\right)^{2}$$ |
| **2** | $$\frac{1}{2}$$ |  | **7** | $$\sqrt{2^{3}×2^{6}}$$ |  | **12** | $$\sqrt[4]{2}×\left(\sqrt{2}\right)^{3}$$ |
| **3** | $$\frac{1}{\sqrt{2}}$$ |  | **8** | $$\frac{1}{2^{2}×\sqrt{2}}$$ |  | **13** | $$\frac{1}{2\sqrt{2}}×\frac{1}{2^{3}}$$ |
| **4** | $$\sqrt{2^{3}}$$ |  | **9** | $$\sqrt{2}^{3}×2^{2}$$ |  | **14** | $$\frac{\left(2^{3}\right)^{2}×\sqrt[3]{2^{4}}}{\left(\sqrt[3]{2}\right)^{8}}$$ |
| **5** | $$\frac{1}{\sqrt[3]{2^{2}}}$$ |  | **10** | $$\frac{\sqrt{2}}{\sqrt[4]{2}}$$ |  | **15** | $$\sqrt{\frac{2}{\sqrt[3]{2}×2^{3}}}$$ |
|  |  |  |  |  |  |  |  |
| **A** | $$2^{-^{4}/\_{3}}$$ |  | **F** | $$2^{-^{5}/\_{2}}$$ |  | **K** | $$2^{-^{2}/\_{3}}$$ |
| **B** | $$2^{^{7}/\_{4}}$$ |  | **G** | $$2^{-^{1}/\_{2}}$$ |  | **L** | $$2^{^{1}/\_{4}}$$ |
| **C** | $$2^{^{3}/\_{2}}$$ |  | **H** | $$2^{-^{7}/\_{6}}$$ |  | **M** | $$2^{^{1}/\_{3}}$$ |
| **D** | $$2^{^{14}/\_{3}}$$ |  | **I** | $$2^{^{4}/\_{3}}$$ |  | **N** | $$2^{-^{9}/\_{2}}$$ |
| **E** | $$2^{-1}$$ |  | **J** | $$2^{^{9}/\_{2}}$$ |  | **P** | $$2^{^{7}/\_{2}}$$ |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |