Match-Up

**Exact Trigonometric Ratios**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | $$\tan(45)$$ |  | **6** | $$\sin(60)$$ |  | **11** | $$4\cos(0)$$ |
| **2** | $$\sin(30)$$ |  | **7** | $$\tan(30)$$ |  | **12** | $$\sin(30)\cos(30)$$ |
| **3** | $$\cos(45)$$ |  | **8** | $$4\cos(60)$$ |  | **13** | $$2\tan(45)\tan(60)$$ |
| **4** | $$\sin(0)$$ |  | **9** | $$2\sin(45)$$ |  | **14** | $$\frac{\tan(30)}{\tan(60)}$$ |
| **5** | $$\tan(60)$$ |  | **10** | $$3\sin(90)$$ |  | **15** | $$\frac{\tan(30)\cos(45)}{\sin(60)}$$ |
|  |  |  |  |  |  |  |  |
| **A** | $$0$$ |  | **F** | $$\frac{\sqrt{3}}{4}$$ |  | **K** | $$1$$ |
| **B** | $$\frac{1}{3}$$ |  | **G** | $$\frac{\sqrt{2}}{2}$$ |  | **L** | $$\frac{\sqrt{2}}{3}$$ |
| **C** | $$\sqrt{3}$$ |  | **H** | $$2$$ |  | **M** | $$\frac{1}{2}$$ |
| **D** | $$4$$ |  | **I** | $$2\sqrt{3}$$ |  | **N** | $$3$$ |
| **E** | $$\frac{\sqrt{3}}{3}$$ |  | **J** | $$\sqrt{2}$$ |  | **P** | $$\frac{\sqrt{3}}{2}$$ |

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