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| **Introducing Surds**  |
| **(a)** | **(b)** | **(c)** | **(d)** |
| True or false:$\sqrt{17} $is a surd | True or false:$\sqrt{9} $is a surd | Calculate$$\sqrt{7}×\sqrt{3}$$ | Calculate$$\sqrt{39}÷\sqrt{3}$$ |
| **(e)** | **(f)** | **(g)** | **(h)** |
| Calculate$$(\sqrt{5})^{2}$$ | Calculate$$\frac{\sqrt{18}}{\sqrt{2}}$$ | Calculate$$\sqrt{7}×\sqrt{3}×\sqrt{2}$$ | Calculate$$\frac{\sqrt{12}×\sqrt{6}}{\sqrt{2}}$$ |
| **(i)** | **(j)** | **(k)** | **(l)** |
| Show that$$\sqrt{40}=2\sqrt{10}$$ | Show that$$\sqrt{75}=5\sqrt{3}$$ | Show that$$\sqrt{96}=4\sqrt{6}$$ | Show that$$\sqrt{245}=7\sqrt{5}$$ |