

Introducing Surds

(a)	(b)	(c)	(d)
True or false: $\sqrt{17}$ is a surd	True or false: $\sqrt{9}$ is a surd	Calculate $\sqrt{7} \times \sqrt{3}$	Calculate $\sqrt{39} \div \sqrt{3}$
(e)	(f)	(g)	(h)
Calculate $(\sqrt{5})^2$	Calculate $\frac{\sqrt{18}}{\sqrt{2}}$	Calculate $\sqrt{7} \times \sqrt{3} \times \sqrt{2}$	Calculate $\frac{\sqrt{12} \times \sqrt{6}}{\sqrt{2}}$
(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 $\sqrt{245} = 7\sqrt{5}$