

Multiplying, Dividing and Simplifying Surds

(a)	(b)	(c)	(d)	(e)
Simplify $\sqrt{5} \times \sqrt{7}$	Simplify $\sqrt{3} \times \sqrt{27}$	Simplify $\sqrt{10} \div \sqrt{2}$	Simplify $\frac{\sqrt{27}}{\sqrt{3}}$	Simplify $\sqrt{2} \times \sqrt{10} \times \sqrt{5}$
(f)	(g)	(h)	(i)	(j)
Simplify $2\sqrt{3} \times 4\sqrt{7}$	Simplify $\sqrt{5} \times 8\sqrt{2}$	Simplify $3\sqrt{5} \times 4\sqrt{5}$	Simplify $\frac{9\sqrt{6}}{3\sqrt{2}}$	Simplify $\frac{\sqrt{48}}{\sqrt{3}}$
(k)	(l)	(m)	(n)	(o)
Simplify $\frac{10\sqrt{24}}{5\sqrt{6}}$	Simplify $\sqrt{12}$	Simplify $\sqrt{28}$	Simplify $\sqrt{35}$	Simplify $\sqrt{108}$
(p)	(q)	(r)	(s)	(t)
Express $\sqrt{90}$ in the form $a\sqrt{10}$ where a is an integer	Express $\sqrt{75}$ in the form $a\sqrt{3}$ where a is an integer	Express $\sqrt{125}$ in the form $a\sqrt{5}$ where a is an integer	Simplify $\frac{\sqrt{200}}{5}$	Simplify $\frac{\sqrt{112}}{2}$