

Fill in the Blanks

Simplifying Surds

Square Numbers	1	4	9	16	25	36	49	64	81	100
----------------	---	---	---	----	----	----	----	----	----	-----

Question	Largest Square Number Factor	Split into Two Surds	Rationalise the Square Number	Answer
$\sqrt{27}$	9	$\sqrt{9} \times \sqrt{3}$	$3 \times \sqrt{3}$	$3\sqrt{3}$
$\sqrt{24}$	4	$\sqrt{4} \times \sqrt{6}$		
$\sqrt{50}$	25			
$\sqrt{28}$				
$\sqrt{32}$				
$\sqrt{45}$				
$\sqrt{72}$				
$\sqrt{90}$				
$\sqrt{75}$				
$\sqrt{200}$				
$\sqrt{98}$				
$\sqrt{80}$				
		$\sqrt{9} \times \sqrt{7}$	$3 \times \sqrt{7}$	$3\sqrt{7}$
				$7\sqrt{3}$