

Surd or Not a Surd?

Question	As a decimal or whole number	Is it a surd?	Question	As a decimal or whole number	Is it a surd?
$\sqrt{1}$	1	No	$\sqrt{16}$		
$\sqrt{2}$	1.4142135 ...	Yes	$\sqrt{17}$		
$\sqrt{3}$	1.7320508 ...	Yes	$\sqrt{18}$		
$\sqrt{4}$	2	No	$\sqrt{19}$		
$\sqrt{5}$			$\sqrt{20}$		
$\sqrt{6}$			$\sqrt{21}$		
$\sqrt{7}$			$\sqrt{22}$		
$\sqrt{8}$			$\sqrt{23}$		
$\sqrt{9}$			$\sqrt{24}$		
$\sqrt{10}$			$\sqrt{25}$		
$\sqrt{11}$			$\sqrt{26}$		
$\sqrt{12}$			$\sqrt{27}$		
$\sqrt{13}$			$\sqrt{28}$		
$\sqrt{14}$			$\sqrt{29}$		
$\sqrt{15}$			$\sqrt{30}$		

How can you tell if a square root is a surd or not?

Write down the next three square roots which are not surds.

