

SQUARE ROOT APPROXIMATIONS

Common Irrational Numbers (3 Decimal Places)

Radical	Approximation
$\sqrt{2}$	1.414
$\sqrt{3}$	1.732
$\sqrt{5}$	2.236
$\sqrt{6}$	2.449
$\sqrt{7}$	2.646
$\sqrt{8}$	2.828
$\sqrt{10}$	3.162
$\sqrt{11}$	3.317
$\sqrt{12}$	3.464
$\sqrt{13}$	3.606
Radical	Approximation
$\sqrt{14}$	3.742
$\sqrt{15}$	3.873
$\sqrt{17}$	4.123
$\sqrt{18}$	4.243
$\sqrt{19}$	4.359
$\sqrt{20}$	4.472
$\sqrt{21}$	4.583

Radical**Approximation**

$\sqrt{22}$

≈ 4.690

$\sqrt{23}$

≈ 4.796

$\sqrt{24}$

≈ 4.899

Mathematics Reference Material $\approx$ Irrational Numbers Template