

Name: _____ Grade: _____ Nos: _____

Square Roots

1. Find the value of each of the following.

(a) $\sqrt{49} =$	(b) $\sqrt{900}$	(c) $\sqrt{144} =$	(d) $\sqrt{256}$
(e) $\sqrt{1600} =$	(f) $\sqrt{625}$	(g) $\sqrt{289} =$	(h) $\sqrt{250,00}$

2. Find the square root of each of the following

(a) $\sqrt{\frac{16}{25}} =$	(b) $\sqrt{\frac{64}{81}} =$	(c) $\sqrt{0.36}$ =
(d) $\sqrt{0.0064}$ =	(e) $\sqrt{\frac{256}{49}} =$	(f) $\sqrt{1\frac{17}{64}} =$

3. Find the results of multiplying the following square roots.

(a) $\sqrt{11} \times \sqrt{11} =$	(b) $\sqrt{3\frac{5}{9}} \times \sqrt{3\frac{5}{9}} =$	(c) $\sqrt{\frac{7}{15}} \times \sqrt{\frac{7}{15}} =$
(d) $\sqrt{0.026} \times \sqrt{0.026}$ =	(e) $\sqrt{2} \times \sqrt{18}$ =	(f) $\sqrt{3} \times \sqrt{27}$ =

Answers: Drag and drop your answers for questions 1 to 3 from the table below;

11	$\frac{7}{15}$	0.6	$\frac{32}{9}$	6	7	500	$\frac{8}{9}$	0.026	40
17	9	$\frac{4}{5}$	30	12	$\frac{9}{8}$	0.08	16	$\frac{16}{7}$	25

4. Estimate the value of each of the following

(a) $\sqrt{88} =$ Ans:	(b) $\sqrt{29} =$ Ans:	(c) $\sqrt{199} =$ Ans:
(d) $\sqrt{375} =$ Ans:	(e) $\sqrt{8.75} =$ Ans:	(f) $\sqrt{144} =$ Ans:

5. Find the value of the following.

(a) $\sqrt{\frac{64}{81}}$ Ans:	(b) $\sqrt{\frac{49}{100}}$ Ans:	(c) $\sqrt{2\frac{7}{9}}$ Ans:	(d) $\sqrt{1\frac{57}{64}}$ Ans:
(e) $\sqrt{0.01}$ Ans:	(f) $\sqrt{0.09}$ Ans:	(g) $\sqrt{0.25}$ Ans:	(h) $\sqrt{1.21}$ Ans:

6. Solve the following equations (find the values of 'x')

(a) $X^2 = 36$ Ans:	(b) $X^2 = 0.0064$ Ans:	(c) $X^2 = 0$ Ans:
(d) $\sqrt{x} = 16$ Ans:	(e) $\sqrt{x} = 0.25$ Ans:	(f) $\sqrt{x} = \frac{1}{4}$ Ans:

Answers: Drag and drop your answers for questions 4 to 6 from the table below;

$\frac{8}{9}$	14 & 15	$\frac{1}{16}$	0.6 & 0.7	0.0625	9 & 10	256	$\frac{5}{3}$	5 & 6	6
19 & 20	$\sqrt{0.09}$	0.5	$\frac{7}{10}$	1.1	$\frac{11}{8}$	0	2 & 3	0.08	0.1

Kindly upload your Image after you've checked your answers via Class Point or Line Id: gpower11.
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