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EXPONENTS & SQUARE ROOTS: Worksheet 4

Simplify.

1) 10^2

2) 8^3

3) 4^5

4) 3^4

5) $\sqrt{9}$

6) $\sqrt{1600}$

7) $\sqrt{196}$

8) $\sqrt{64}$

Each square root below is between what two whole numbers?

9) $\sqrt{52}$

10) $\sqrt{13}$

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EXPONENTS & SQUARE ROOTS: Worksheet 4

Simplify.

1)
10^2

10×10

100

2)
8^3

$8 \times 8 \times 8$

512

3)
4^5

$4 \times 4 \times 4 \times 4 \times 4$

$1,024$

4)
3^4

$3 \times 3 \times 3 \times 3$

81

5)
$\sqrt{9}$

3

6)
$\sqrt{1600}$

40

7)
$\sqrt{196}$

14

8)
$\sqrt{64}$

8

Each square root below is between what two whole numbers?

9)
$\sqrt{52}$

$\sqrt{49} = 7$

$\sqrt{64} = 8$

Therefore : $\sqrt{52}$ is between 7 and 8.

10)
$\sqrt{13}$

$\sqrt{9} = 3$

$\sqrt{16} = 4$

Therefore : $\sqrt{13}$ is between 3 and 4.