Name:

Prime Factorization of Square Roots

Find the Prime Factorization of the following square roots.

Examples:

Square root of 16 = $\sqrt{16}$

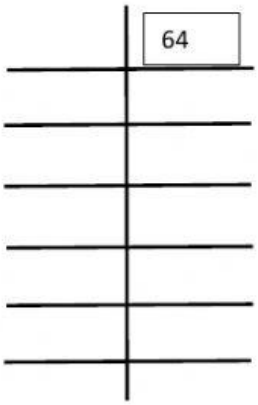
$= \sqrt{2 \times 2 \times 2 \times 2}$

$= 2 \times 2$

$= 4$

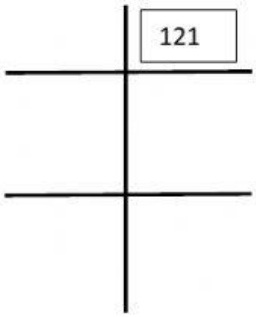
2	16
2	8
2	4
	2

1.



$\sqrt{64} = \sqrt{(\quad \times \quad) \times (\quad \times \quad) \times (\quad \times \quad)} =$ ____ × ____ × ____ = ____

2.

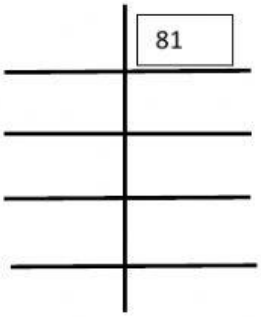


$\sqrt[2]{121} = \sqrt[2]{(\quad \times \quad)} =$ _____

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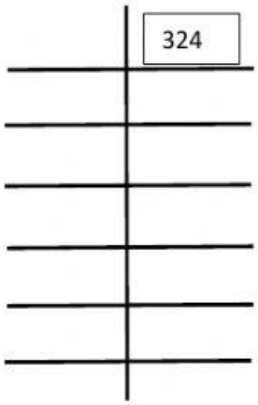
Name:

3.



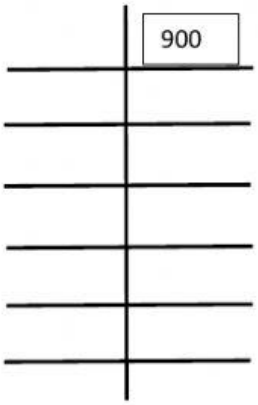
$\sqrt[2]{81} = \sqrt[2]{(\quad \times \quad) \times (\quad \times \quad)} = ____ \times ____ = ____$

4.



$\sqrt{324} = \sqrt{(\quad \times \quad) \times (\quad \times \quad) \times (\quad \times \quad)} = ____ \times ____ \times ____ = ____$

5.



$\sqrt{64} = \sqrt{(\quad \times \quad) \times (\quad \times \quad) \times (\quad \times \quad)} = ____ \times ____ \times ____ = ____$

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