Investigating Perfect Square Decimals

**Number**

**Unit 1 Line Master 6**

For each decimal:

* Write it as a fraction with denominator 100.
* Use what you know to identify whether the resulting fraction is a perfect square.
* If the fraction is a perfect square, determine the square root.   
  Write it as a fraction and a decimal.
* Use a calculator to check the square root.

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| --- | --- | --- | --- | --- | --- |
| **Decimal** | **Fraction** | **Perfect Square?** | **Square Root (fraction)** | **Square Root (decimal)** | **Calculator Result** |
| **0.64** |  |  |  |  |  |
| **1.21** |  |  |  |  |  |
| **3.5** |  |  |  |  |  |
| **6.4** |  |  |  |  |  |
| **1.96** |  |  |  |  |  |