Significant Figures review Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use the links on our website (www.tonkadensity.weebly.com)to practice the four rules about significant figures. Select the **Content** tab, then click on **Sig Figs, Accuracy and Precision** in the drop-down box.

**Sig fig Basics:**

Significant figures reflect the \_\_\_\_\_\_\_\_\_\_\_ of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_. All non-zero digits are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. The rules help to decide when \_\_\_\_\_\_\_\_ are significant.

**Rule one:**

All non-zero digits are significant. <https://www.quia.com/fc/2013051.html>

What does the rule mean in your words? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Write the Value on the flash card | Sig Fig’s | | What I did wrong  (if I got it wrong) . . . |
| My guess | Correct answer |
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**Rule two:**

All zero digits between non-zeroes are significant. https://www.quia.com/fc/2013055.html

What does the rule mean in your words? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Write the Value on the flash card | Sig Fig’s | | What I did wrong  (if I got it wrong) . . . |
| My guess | Correct answer |
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**Rule three:** <https://www.quia.com/fc/2013116.html>

All zero digits on the right are significant if there is a decimal point.

What does the rule mean in your words? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Rule four:**

All zero digits on the left are not significant.

What does the rule mean in your words? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Write the Value on the flash card | Sig Fig’s | | What I did wrong  (if I got it wrong) . . . |
| My guess | Correct answer |
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