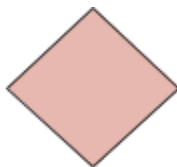




Bridge Math: Building for Bugs

Imagine you are an engineer. You need to make a bridge for some ants. Answer the questions to help the ants build the perfect bridge.

1. The ants want to build a bridge from shapes with four sides. Draw an X on the shapes they should NOT use.



2. The ants need parts for their bridge. They need sticks longer than 5 inches. Color the sticks they can use.

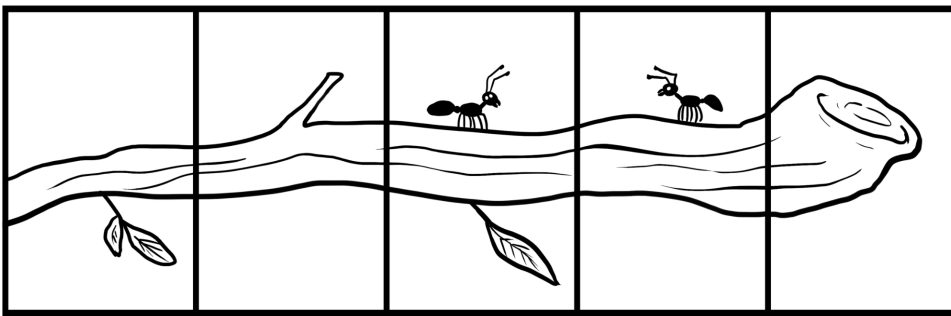
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2"

3"

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5"



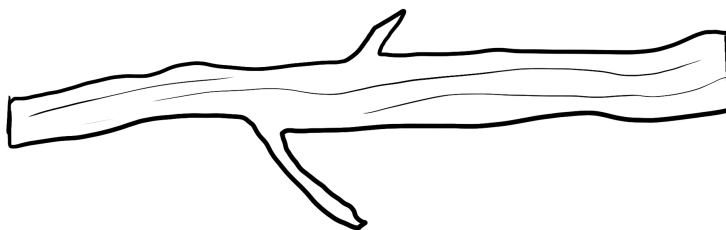
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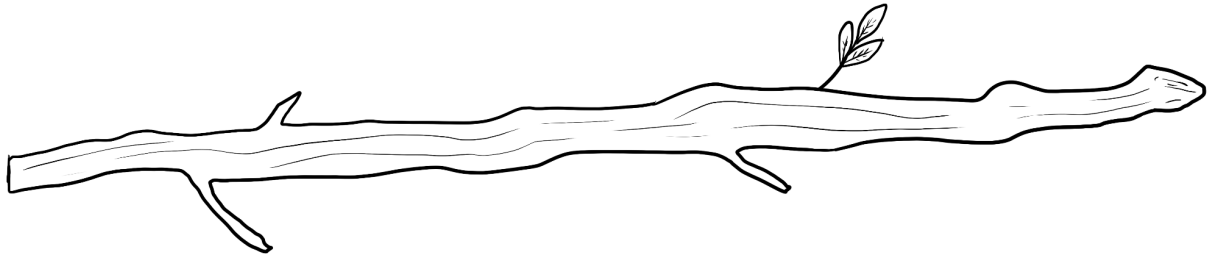
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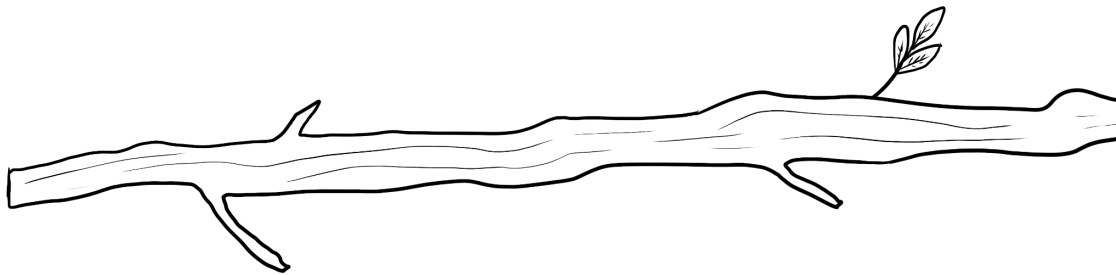
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1"

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3. The ants have 10 rocks, but their bridge needs 18 rocks. How many more rocks do they need?

4. The ants have gathered 3 twigs for their bridge. If they need 12 twigs total, how many more twigs do they need to gather?





5. Ash the ant wants to decorate the bridge with leaves. Aditi the ant wants to use shells. If Ash brings 9 leaves and Aditi brings 5 shells, how many decorations will they have for their bridge?





6. The ants need your help again! Color the ant with the five-sided shape **blue**. Color the ant with the four-sided shape **red**. Color the last ant **orange**.

What shape does the orange ant have on its body? _____

