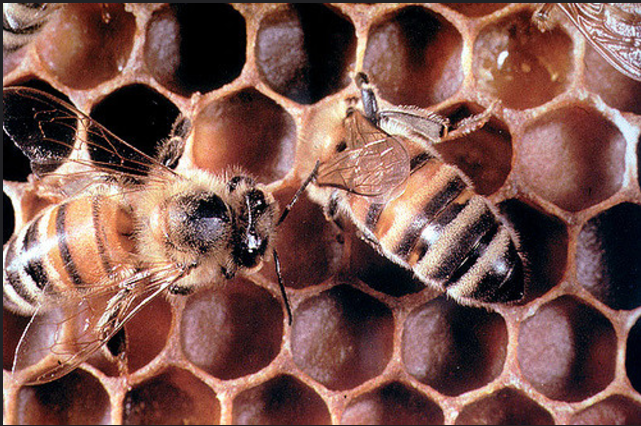
**CER Worksheet**

**Claim - Evidence - Reasoning**

A scientific claim is an explanation that is supported by evidence and backed by reasoning.

**Phenomenon**



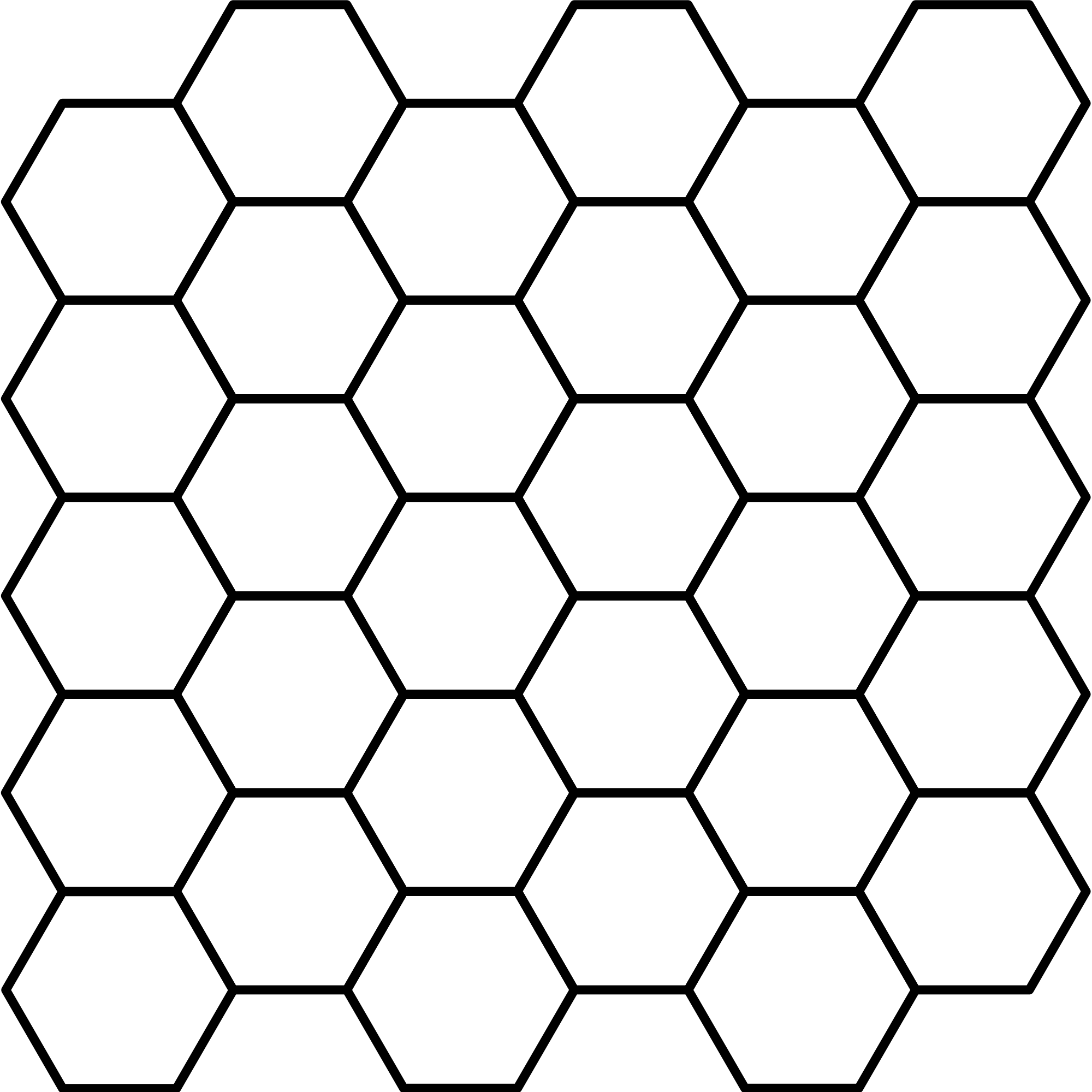
**Why do honeybees use hexagonal shapes to construct their honeycombs?**

**Step 1:** Complete the Claim, Evidence, and Reasoning (CER) below, based on your initial observations of honeycomb.

**Step 2:** After completing several investigations into honeycomb cells, revisit your CER. Add to or edit your claim, evidence, and reasoning based on newly acquired information. Use a different colored pen or pencil to indicate the changes you have made to your CER.

Make a **CLAIM.** A claim is a statement that explains a phenomenon.

**Why do bees use hexagonal shapes to construct their combs?**



What’s your **EVIDENCE**? Evidence for the claim can come from investigations, observations, and research.

What is your **REASONING** for your claim? Reasoning describes *how* the evidence supports the claim and often draws on scientific theories or principles.