

Hold a sentence strip out, straight, and horizontal:

1. The sentence strip represents one day on Earth. How many hours does the sentence strip represent?

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Fold the sentence strip in $\frac{1}{2}$.

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2. The sentence strip represents day and night on Planet Earth. How many hours are represented by each half of the sentence strip? _____

Fold the sentence strip in $\frac{1}{2}$ again.

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3. The sentence strip represents tides on Earth. How many hours are represented by the fourth of a sentence strip?

_____ Label the sentence strip high tide, low tide, high tide, low tide.

4. What causes the tides? Demonstrate your thinking using words, drawings and labels.