

## TIDES

**Q1:** What is it called when the tide goes out?

A: \_\_\_\_\_

**Q2:** What is it called when the tide comes in?

A: \_\_\_\_\_

**Q3:** What is the state of tide called when the water is all the way in?

A: \_\_\_\_\_

**Q4:** What is the state of tide called when the water is all the way out?

A: \_\_\_\_\_

**Q5:** What has a bigger impact on the tide, the sun or the moon?

A: \_\_\_\_\_

**Q6:** Fill in the blanks

A: The difference between high and low tide is called the T \_\_\_\_\_

R \_\_\_\_\_

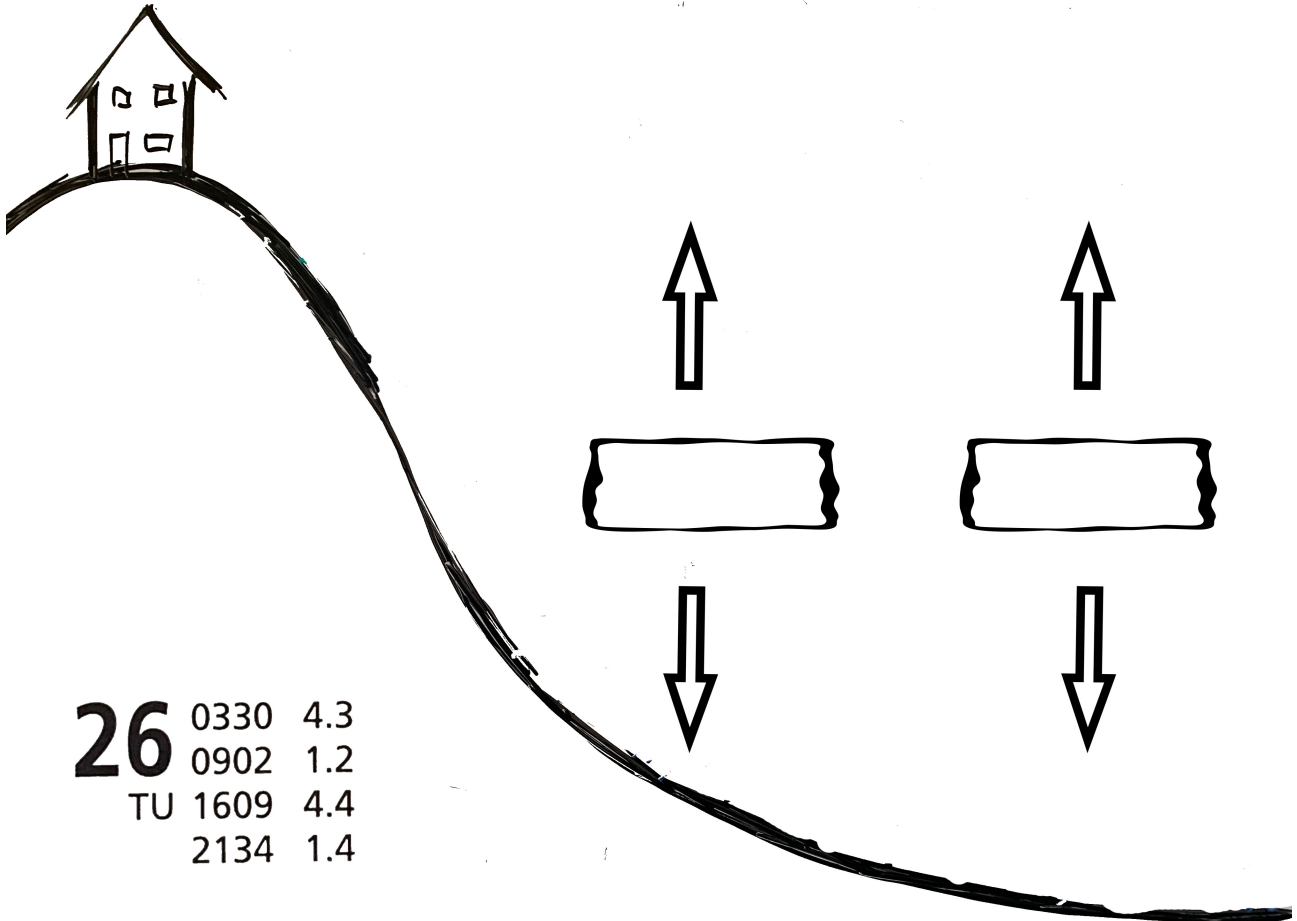
**Q7:** Which type of tide causes the water to move faster, Spring or Neap tides?

A: \_\_\_\_\_

*(Answers on page 2)*

## Tidal Range Challenge

Use the tide chart to work out the tidal ranges and add them to the image below.



Answers: Q1: Ebb Q2: Flood Q3: High Water Q4: Low Water Q5: Moon Q6: High Tidal Range Q7: Spring  
Tidal Range Challenge: First tidal range 3.1 Second tidal range 3