



# HOW FAST WAS GEORGE?

## Activity #2

If we know George's **stride is 340 cm** & his **footprint length is 85 cm**, use the following **2 equations** to determine George's **relative speed**.

1 footprint length  $\times 4 =$  leg length

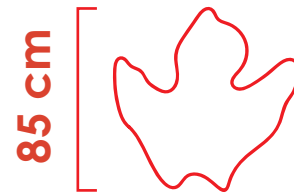
2  $\frac{\text{stride}}{\text{leg length}} = \text{relative speed}$

3 George's **relative speed** is \_\_\_\_\_

4 is he...?  walking (< 2)  
 trotting (2 - 2.9)  
 running (> 2.9)

**Dinosaurs left trackways behind**, trace fossils that show evidence of their movement across the landscape. The most common trackways are footprints.

George's footprint would have been big **85 cm long!** with a wide base and three toes.



Use chalk, or pencil and paper, to draw one of George's footprints to scale. **How many of your own footprints fit into one of George's?**

