## ∐ulumath

## Finding an Equation of a Real-Life Quadratic Relation #2

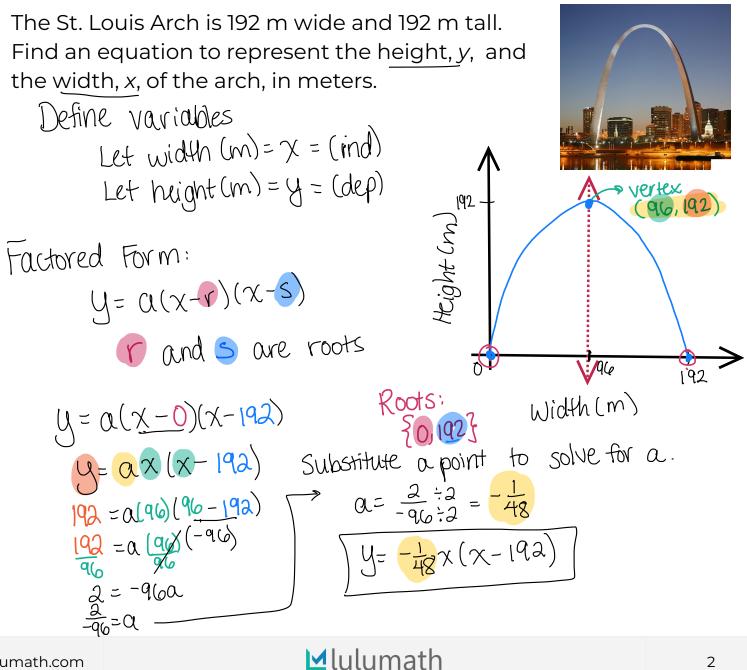
Video Notes

<u>Video Link</u>

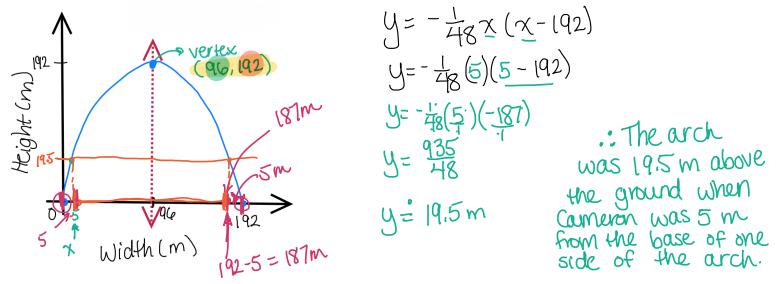
## Finding an Equation of a Real-Life Quadratic Relation #2

**Background Information:** 

- Finding equations of quadratic relations in vertex or in factored form
  - O Use vertex form if given the vertex and another point.
  - O Use factored form if given the roots and another point.



Cameron was five meters from the base of one side of the arch and looked up. How high above the ground was the arch?



How much farther does Cameron need to walk for the arch to be the same height above the ground as when he was five meters from the base?

187 - 5 = 182 m

. Cameron needs to work an additional 182m to reach the same height on the other side of the arch.

