



IN THE FIRST **10.5 FT** OF  
A DIVE, ROSA USED

**$2\frac{2}{3}$  UNIT/FT**

OF OXYGEN. IN THE NEXT  
**28 FT** SHE USED

**$35$  UNITS.**

IN THE LAST **3.5 FT** SHE USED

**$4$  UNITS/FT.**

HOW MANY **INCHES**, ON AVERAGE, DID  
ROSA DIVE PER UNIT OF OXYGEN USED?

## SPONSORS

### Title Sponsor

Raytheon Company

### National Sponsors

Northrop Grumman Foundation  
U.S. Department of Defense STEM  
National Society of Professional  
Engineers  
3Mgives  
Texas Instruments Incorporated  
CNA Insurance  
Art of Problem Solving  
NextThought

### Founding Sponsors

National Society of Professional  
Engineers  
National Council of Teachers of  
Mathematics  
CNA Insurance