

## $\frac{A(M n}{\text { Ahead! }}$

Workers at the Naval Gun Factory, Washington Navy Yard used math on a daily basis. Try your hand at some of these math problems with a Gun Factory theme!

John Dahlgren's 32 in shell gun has a muzzle length of 76.32 inches. The breach (back) of the gun is 17.4 inches. What is the total length of the gun?

If a shell is 10 inches in diameter, then what is the radius?

Windage is the space between the edge of the inside of the barrel and the edge of the projectile. If the barrel is 9.01 in wide and the shell has a diameter of 8.98 , then what is the windage?

