$\qquad$
$\qquad$

## Golf Measurements

## GRADES 6-8

## Part 1: Pythagorean Theorem

$A^{2}+B^{2}=C^{2}$
$1 \mathrm{~mm}=10$ yards

|  | Measured | Calculated |
| :--- | :--- | :--- |
| $\mathbf{1}$ | answer here | answer here |
| $\mathbf{2}$ | answer here | answer here |
| $\mathbf{3}$ | answer here | answer here |
| $\mathbf{4}$ | answer here | answer here |
| $\mathbf{5}$ | answer here | answer here |
| $\mathbf{6}$ | answer here | answer here |
| $\mathbf{7}$ | answer here | answer here |
| $\mathbf{8}$ | answer here | answer here |
| $\mathbf{9}$ | answer here | answer here |

Shot $1(A)=$ answer here
Shot $2(B)=$ answer here
Unknown (C) = answer here

## STEM Sports ${ }^{\circ} 9$-Hole



Shot 2

Name: $\qquad$
$\qquad$

## Golf Measurements

## GRADES 6-8

Part 2: Area of a Circle
$A=\pi r^{2}$
$1 \mathrm{~mm}=1$ yard

|  | Diameter <br> (Measured) | Radius <br> (Calculated) | Area <br> (Calculated) |
| :---: | :--- | :--- | :--- |
| $\mathbf{1}$ | answer here | answer here | answer here |
| $\mathbf{2}$ | answer here | answer here | answer here |
| $\mathbf{3}$ | answer here | answer here | answer here |
| $\mathbf{4}$ | answer here | answer here | answer here |
| $\mathbf{5}$ | answer here | answer here | answer here |
| $\mathbf{6}$ | answer here | answer here | answer here |
| $\mathbf{7}$ | answer here | answer here | answer here |
| $\mathbf{8}$ | answer here | answer here | answer here |
| $\mathbf{9}$ | answer here | answer here | answer here |

## STEM Sports 9 -Hole



## Calculate area of play

Shot Distance $(r)=$ answer here


