Warm Up – Hole in One Practice

Using the law of angle of reflection (ball bounces off at the same angle it hits, make these be a hole in one.



A new mini golf course is opening up, and the contractor has asked for designs that have an area between 90 unit2 and 100 unit2 . The following design was submitted. You work for the contractor and are tasked with doing the following two things.

1. Calculate the area of the mini golf course
2. If necessary, change the mini golf course (by marking on the design) so that the area of the course is within the specifications of the course designers.



**Step 2 Cont**

**Describe how you changed the course to meet the design specifications.**

**Step 1**

Submitted Desgin Area

Hole 1 = \_\_\_\_\_\_\_\_\_\_

Hole 2 = \_\_\_\_\_\_\_\_\_\_

Hole 3 = \_\_\_\_\_\_\_\_\_\_

Total = \_\_\_\_\_\_\_\_\_\_\_

**Step 2**

**Change the course so that the area is between the limits. Calculate the new area.**

Hole 1 = \_\_\_\_\_\_\_\_\_\_

Hole 2 = \_\_\_\_\_\_\_\_\_\_

Hole 3 = \_\_\_\_\_\_\_\_\_\_

Total = \_\_\_\_\_\_\_\_\_\_\_