

INTEGER GOLF

Materials

For each pair of students:

Pen/pencil

Integer Golf scorecard

1 green die

1 red die



Number of Players

2

Directions

1. Divide the students into pairs.
2. The youngest student is Player 1.
3. The green die represents positive numbers and the red die represents negative numbers.
4. Starting with hole 1, Player 1 will roll the dice until the objective for that hole is completed.
5. Once completed, Player 1 records on the scorecard the number of strokes (rolls) used to complete the objective.
6. Player 2 takes his or her turn and records the result.
7. Play continues in this manner until both players have completed all 18 holes.
8. After the last hole is completed, each player finds the total number of strokes used in the game.

INTEGER GOLF SCORECARD



Player 1 _____

Player 2 _____

Hole #	Objective	Strokes Player 1	Strokes Player 2
1	The sum is negative.		
2	The product is less than -10.		
3	The sum is -3 or 3.		
4	The difference is less than -7.		
5	The sum is divisible by 2.		
6	The quotient of the absolute value of the two numbers is 2.		
7	The absolute value of the sum is 4.		
8	The quotient is -2.		
9	The sum of the absolute value of the two numbers is 8.		
10	The sum is -4, 4 or 5.		
11	The product is -12.		
12	The product is divisible by 3.		
13	The quotient is -1.		
14	The absolute value of both numbers is even.		
15	The difference is -2.		
16	The product of the absolute value of the two numbers is 18.		
17	The sum is zero.		
18	The product is greater than -10.		
Total Number of Strokes			