



Henderson

62/1

COMPETITIVE COMPASS GAME – FEET

This compass game is designed to teach the elementary compass skills for taking bearings and step counting.

LAYOUT OF COURSE:

First, measure a step course 100 feet long, preferably over flat and clear terrain on an East-West line. Place markers at 5 foot intervals and number them consecutively from 1 - 20, with marker number 1 at the west end of the course. An alternate method is to fasten tags 5 feet apart on a 100 foot rope and number the tags consecutively from 1 to 20. Stretch the rope in an East-West direction with number 1 on the West end.

EQUIPMENT NEEDED:

Each player will need a score card, a pencil and a compass, preferably a SILVA system compass like the Type 7 POLARIS or the Boy Scout Type 1070.

PRELIMINARY INSTRUCTIONS TO PLAYERS:

Have each player determine their step requirement for the 100 foot course by walking the length of the course and counting the number of steps taken. Player should be careful to walk with a normal step and should cover the course twice, noting the average number of steps taken. To make the calculation of distance easy, the player should take steps that are either 2 feet, $2\frac{1}{2}$ feet or 3 feet long.

EXPLAIN HOW TO USE THE COMPASS:

With the SILVA, turn the 360° dial to place the desired bearing opposite the index line. Without changing the dial setting, hold the compass horizontally so that the direction of travel arrow on the transparent plate points the same direction the player will walk. Then turn the player's body, (Do not move the compass) until the red end of the magnetic needle points to the "N" on the dial. Now, the player compass and are oriented to the intended direction of travel. The player walks steps indicated and repeats the process for the next bearing.

PLAYING THE GAME:

Start each player at the marker which corresponds with the first "Starting Point" on their score card. Player will then travel according to the bearings and distances indicated. Upon completing the third leg of the course, the player will write on the score card the number of the marker closest to and in the line of travel. Player will then proceed to the marker indicated by the second "Starting Point" on the score card and repeat the procedure. Repeat again over the third course.

THE SCORE:

The correct destination of each course is shown on the reverse side of this card. A player reaching a correct destination is awarded 100 points for that course. Otherwise, deduct 5 points for each marker away from the correct one. After determining the score for each of the three courses, add the scores to obtain the player's total. Highest total score wins. Highest possible total score is 300.

CORRECT DESTINATIONS

Of Compass courses on accompanying score cards

Starting Point	Correct Destinations	Starting Point	Correct Destinations
1	11	11	13
2	16	12	14
3	14	13	8
4	7	14	8
5	8	15	8
6	11	16	16
7	5	17	5
8	15	18	11
9	13	19	13
10	8	20	16



SCORE CARD FOR COMPASS COURSE – FEET

NAME _____

Starting Point No. 3

Go 57 degrees for 70 feet

Then 301 degrees for 62 feet

Then 145 degrees for 86 feet

Record the marker closest to and in your line of travel.

Destination reached _____

CORRECT DESTINATION (Supplied by leader) _____

SCORE _____

Starting Point No. 4

Go 81 degrees for 73 feet

Then 312 degrees for 100 feet

Then 168 degrees for 80 feet

Record the marker closest to and in your line of travel.

Destination reached _____

CORRECT DESTINATION (Supplied by leader) _____

SCORE _____

Starting Point No. 5

Go 65 degrees for 58 feet

Then 341 degrees for 67 feet

Then 190 degrees for 89 feet

Record the marker closest to and in your line of travel.

Destination reached _____

CORRECT DESTINATION (Supplied by leader) _____

SCORE _____

SCORE: Score for correct finish is 100. Deduct 5 points for each marker away from correct destination.

TOTAL SCORE _____

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SCORE CARD FOR COMPASS COURSE – FEET

NAME _____

Starting Point No. 1

Go 61 degrees for 101 feet

Then 314 degrees for 67 feet

Then 174 degrees for 96 feet

Record the marker closest to and in your line of travel.

Destination reached _____

CORRECT DESTINATION (Supplied by leader) _____

SCORE _____

Starting Point No. 2

Go 59 degrees for 83 feet

Then 255 degrees for 58 feet

Then 117 degrees for 61 feet

Record the marker closest to and in your line of travel.

Destination reached _____

CORRECT DESTINATION (Supplied by leader) _____

SCORE _____

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SCORE _____

Starting Point No. 6

Go 37 degrees for 113 feet

Then 273 degrees for 76 feet

Then 161 degrees for 100 feet

Record the marker closest to and in your line of travel.

Destination reached _____

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CORRECT DESTINATION (Supplied by leader) _____

SCORE _____

Starting Point No. 7

Go 13 degrees for 71 feet

Then 146 degrees for 65 feet

Then 256 degrees for 64 feet

Record the marker closest to and in your line of travel.

Destination reached _____

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Destination reached _____

CORRECT DESTINATION (Supplied by leader) _____

SCORE _____

Starting Point No. 8

Go 45 degrees for 76 feet

Then 266 degrees for 78 feet

Then 129 degrees for 76 feet

Record the marker closest to and in your line of travel.

Destination reached _____

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Destination reached _____

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SCORE _____

Starting Point No. 9

Go 43 degrees for 72 feet
 Then 285 degrees for 56 feet
 Then 160 degrees for 72 feet

Record the marker closest to and in your line of travel.

Destination reached _____

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Destination reached _____

CORRECT DESTINATION (Supplied by leader) _____

SCORE _____

Starting Point No. 10

Go 346 degrees for 93 feet

Then 108 degrees for 73 feet

Then 220 degrees for 88 feet

Record the marker closest to and in your line of travel.

Destination reached _____

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SCORE _____

Starting Point No. 11

Go 18 degrees for 89 feet
Then 227 degrees for 51 feet
Then 158 degrees for 54 feet

Record the marker closest to and in your line of travel.

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Destination reached _____

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SCORE _____

Starting Point No. 12

Go 348 degrees for 66 feet
Then 207 degrees for 67 feet
Then 95 degrees for 54 feet

Record the marker closest to and in your line of travel.

Destination reached _____

CORRECT DESTINATION (Supplied by leader) _____

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Record the marker closest to and in your line of travel.

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SCORE _____

Starting Point No. 13

Go 323 degrees for 72 feet

Then 90 degrees for 60 feet

Then 216 degrees for 71 feet

Record the marker closest to and in your line of travel.

Destination reached _____

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CORRECT DESTINATION (Supplied by leader) _____

SCORE _____

Starting Point No. 14

Go 326 degrees for 84 feet
Then 121 degrees for 79 feet
Then 240 degrees for 58 feet

Record the marker closest to and in your line of travel.

Destination reached _____

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Starting Point No. 15

Go 327 degrees for 73 feet

Then 106 degrees for 58 feet

Then 228 degrees for 68 feet

Record the marker closest to and in your line of travel.

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SCORE _____

Starting Point No. 16

Go 2 degrees for 94 feet
 Then 211 degrees for 58 feet
 Then 149 degrees for 52 feet

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Starting Point No. 17

Go 347 degrees for 80 feet

Then 166 degrees for 75 feet

Then 265 degrees for 60 feet

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SCORE _____

Starting Point No. 18

Go 285 degrees for 55 feet

Then 51 degrees for 72 feet

Then 212 degrees for 71 feet

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SCORE _____

Starting Point No. 19

Go 311 degrees for 92 feet

Then 85 degrees for 53 feet

Then 192 degrees for 66 feet

Record the marker closest to and in your line of travel.

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Starting Point No. 20

Go 288 degrees for 69 feet

Then 348 degrees for 70 feet

Then 146 degrees for 108 feet

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Starting Point No. 1

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