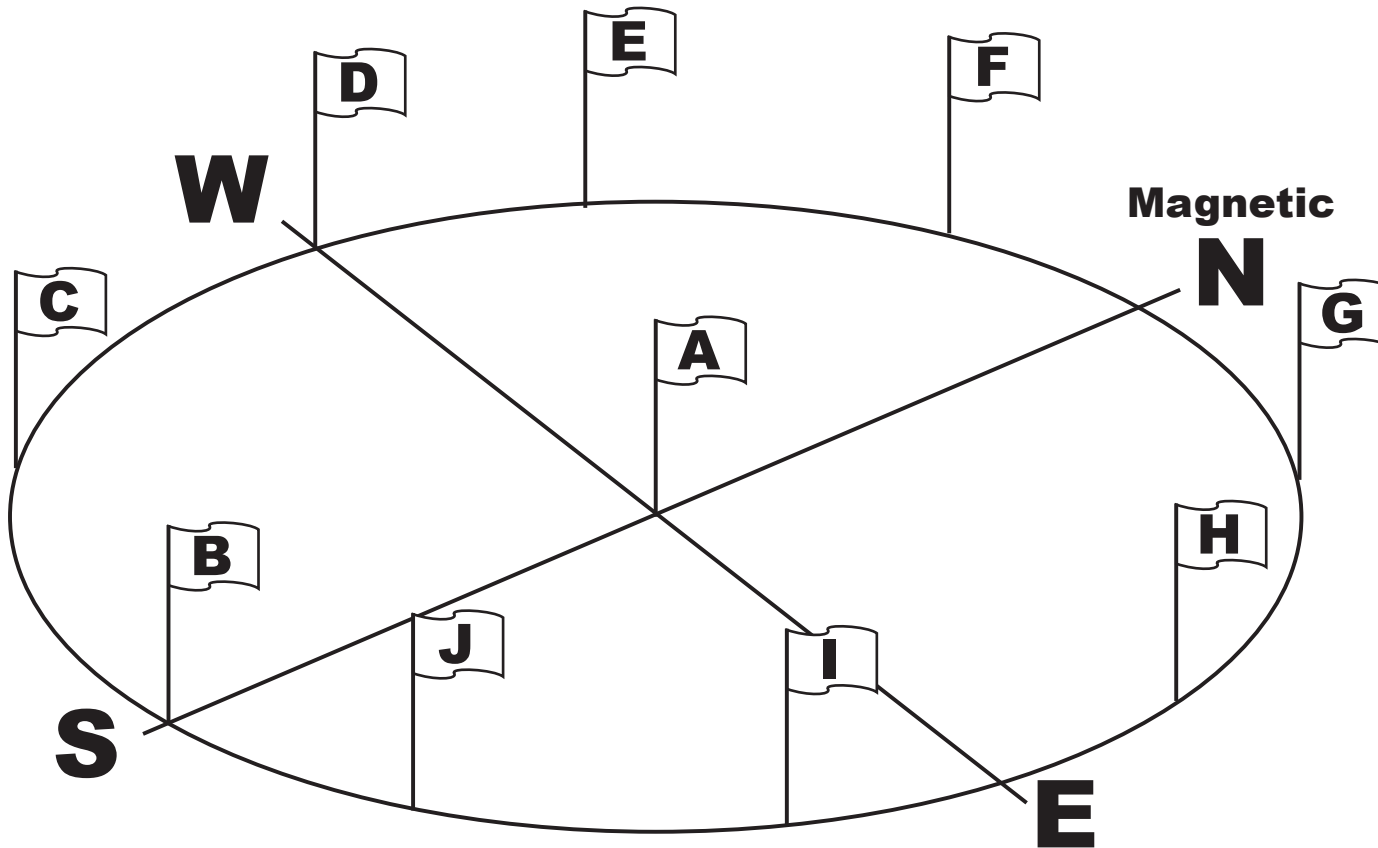


Compass Bearing Practice Course



Using your compass, take magnetic bearings for the following sets of flags.

Stand back away from the flags far enough that you can see both flags at once to line up the bearing.

Your bearing must be within $\pm 2^\circ$ of the actual to be considered correct.

A to B = _____

F to I = _____

A to E = _____

B to D = _____

G to J = _____

A to F = _____

C to A = _____

H to C = _____

A to B = _____

D to G = _____

I to D = _____

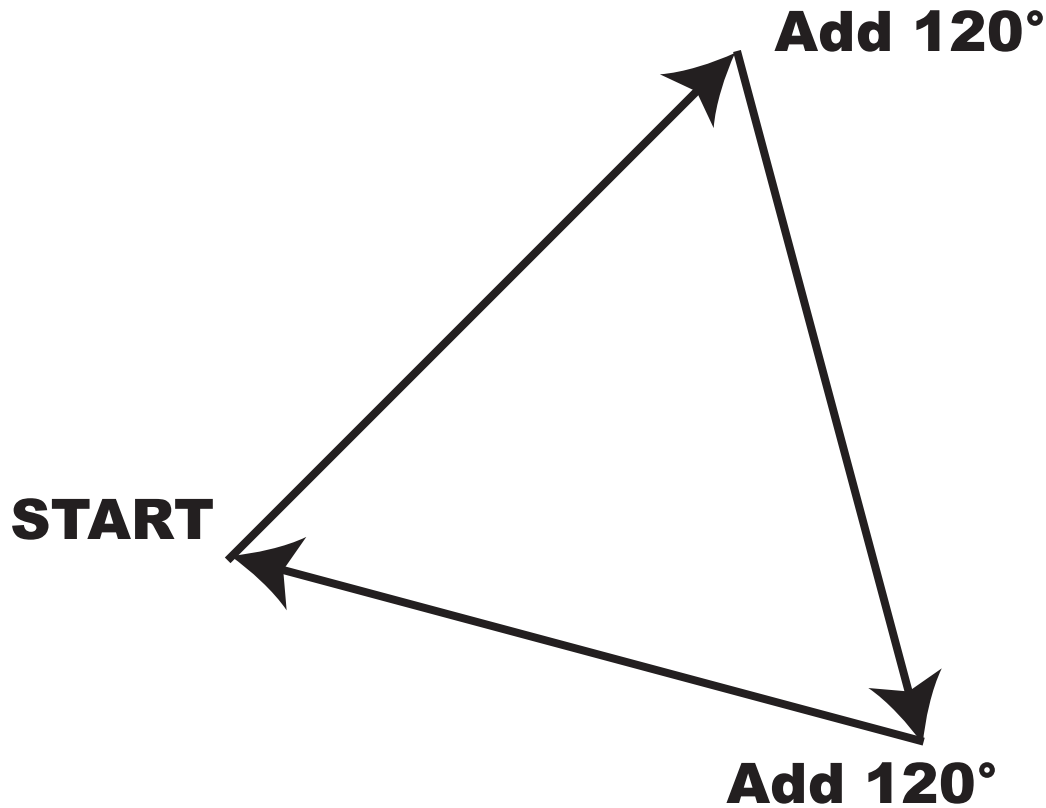
A to H = _____

E to H = _____

J to F = _____

D to A = _____

Compass Bearing Practice Course Part 2



Distance (paces) _____

START Bearing _____

+ 120° _____

+ 120° _____

Pick a starting point and place something small at your feet to use as a marker.

Pick a bearing and walk a set distance, say 50 paces.

Stop. Add 120° to your bearing. Turn until you box your compass needle.

Walk another 50 paces along your new bearing.

Stop. Add 120° to your bearing again and repeat boxing the needle.

When you have walked another 50 paces, your marker should be right at your feet. Pace the distance to your marker. If you are within two or three paces of it you did well.

Repeat the exercise using your GPS to measure the distances and bearings. Mark a waypoint at your START point. Use the back bearing and distance from the GPS to locate the next corner. Mark this corner and continue to the next corner. Mark the corner once again. Again use the GPS to walk the correct bearing and distance. Pace the distance between the ending point and your START.

How do the two methods compare in terms of how close you were to your starting point?