

Displacement Worksheet

- Calculate the distance and displacement of the following situations:
 1. Earl walks 5 km north, then turns and walks 7 km east.
 2. What was Earl's distance and displacement in meters?
 3. Jane runs 28 feet north, then turns around and runs 17 feet south.
 4. Convert Jane's distance and displacement to meters.
 5. Jerry runs exactly 2 laps around a 400 meter track.
 6. Devon walks to his friends. He walks 200 meters to the north, turns west, and then walks 600 meters. Finally he heads north for another 200 meters.
 7. What is Devon's distance and displacement in meters?
 8. Cameron flies at a heading of 180 degrees for 13 km, turns to 90 degrees and flies for another 30 km before crashing into a water tower.
 9. Convert Cameron's distance and displacement to meters.