

Poles of Magnet

1. Fill in the Blanks:

- a. A magnet has two _____ poles, known as the north pole and the south pole.
- b. When you bring the north pole of one magnet close to the north pole of another magnet, they will _____ each other.
- c. The Earth itself acts like a giant _____ magnet with its north pole and south pole.
- d. When a bar magnet is suspended freely, its _____ pole will point towards the Earth's _____ pole.

2. True or False:

- a. Magnetic poles always come in pairs, one north pole and one south pole.
- b. Like magnetic poles repel each other, while opposite magnetic poles attract each other.
- c. Magnetic poles can exist as single isolated points.
- d. Magnetic poles are always located at the center of a magnet.
- e. The Earth's geographic North Pole is also a magnetic North Pole.