


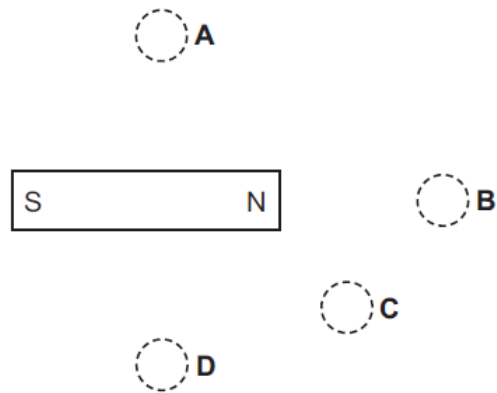
Magnetism and magnetic fields – 2022 Nov O Level 5054

1. Nov/2022/Paper_11,12/No.26,30

Four plotting compasses are placed near a bar magnet. Ignore any effects of the Earth's magnetic field.

One compass appears like this .

What is a possible position for this compass?



2. Nov/2022/Paper_12/No.29

The N pole of a permanent magnet is placed in turn close to a piece of iron, the S pole of another magnet, and a piece of copper.

Which objects are attracted to the N pole of the permanent magnet?

	piece of iron	S pole	piece of copper
A	✓	✓	x
B	x	✓	x
C	x	✓	✓
D	x	x	✓

key
 ✓ = attracted
 x = not attracted