Name _____ **Class** _____ **Date** _____

1 The drawings show two bar magnets. Write 'repel' or 'attract' under each pair to show what they will do.

a

_____

b

_____

c

_____

d

_____

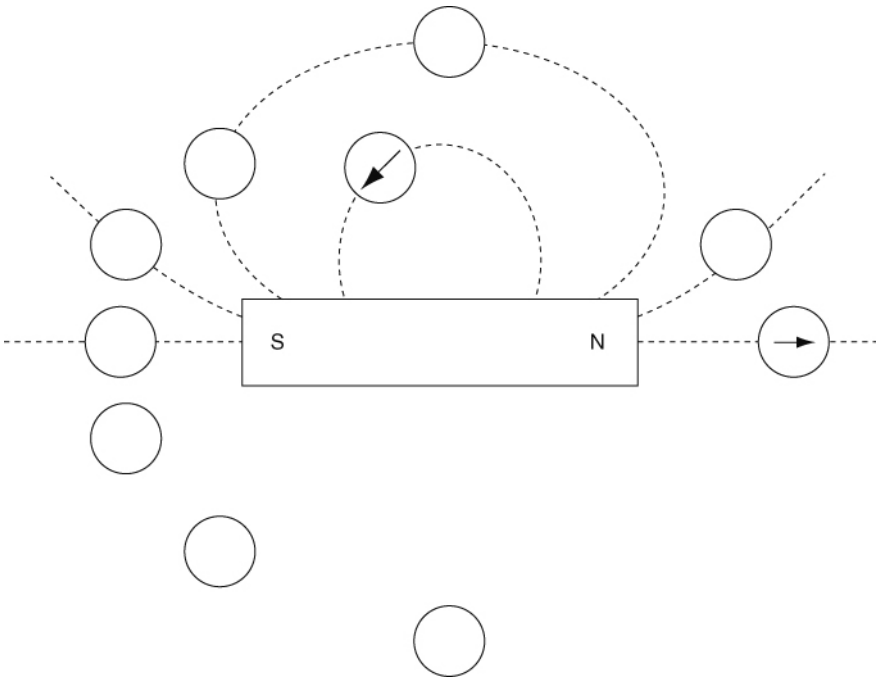
2 Why is one end of a bar magnet called the 'north-seeking pole'? _____

_____

3 A magnet can affect some objects even when it is not touching them. What is the name for the space around a magnet where it can affect things?

_____

4 The drawing shows some compasses placed around a bar magnet. Draw arrows in the compasses to show which way they would point. Two have been done for you.



5 You can use a map and compass to help you to find your way. Why do compasses point north?

_____

I can…

- explain how to arrange magnets so they attract or repel each other
- describe the effects of magnets on other objects.