ATTACHMENT 7A:

WORKSHEET 4:

MAGNETISM

Question:
What happens when you bring the poles of one magnet close to the poles of another magnet?

What we did?
1. Bring the North pole of magnet one near to the North pole of magnet two. Write down what you see in the table below.
2. Bring the South pole of magnet one near to the South pole of magnet two. Write down what you see in the table below.
3. Bring the North pole of magnet one near to the South pole of magnet two. Write down what you see in the table below.
4. Bring the South pole of magnet one near to the North pole of magnet two. Write down what you see in the table below.

What we saw:

POLE OF MAGNET 1	POLE OF MAGNET 2	WHAT HAPPENED
1.		
2.		
3.		
4.		

1. Write down a law that tells you what happens when two poles of a magnet which are the same (LIKE POLES) are brought near each other.

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2. Write down a law that tells you what happens when two poles of a magnet which are different (UNLIKE POLES) are brought near to each other.

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3. Can you now write down in one sentence a law that tells you what you have learnt about the effect that the poles of magnets have on each other?

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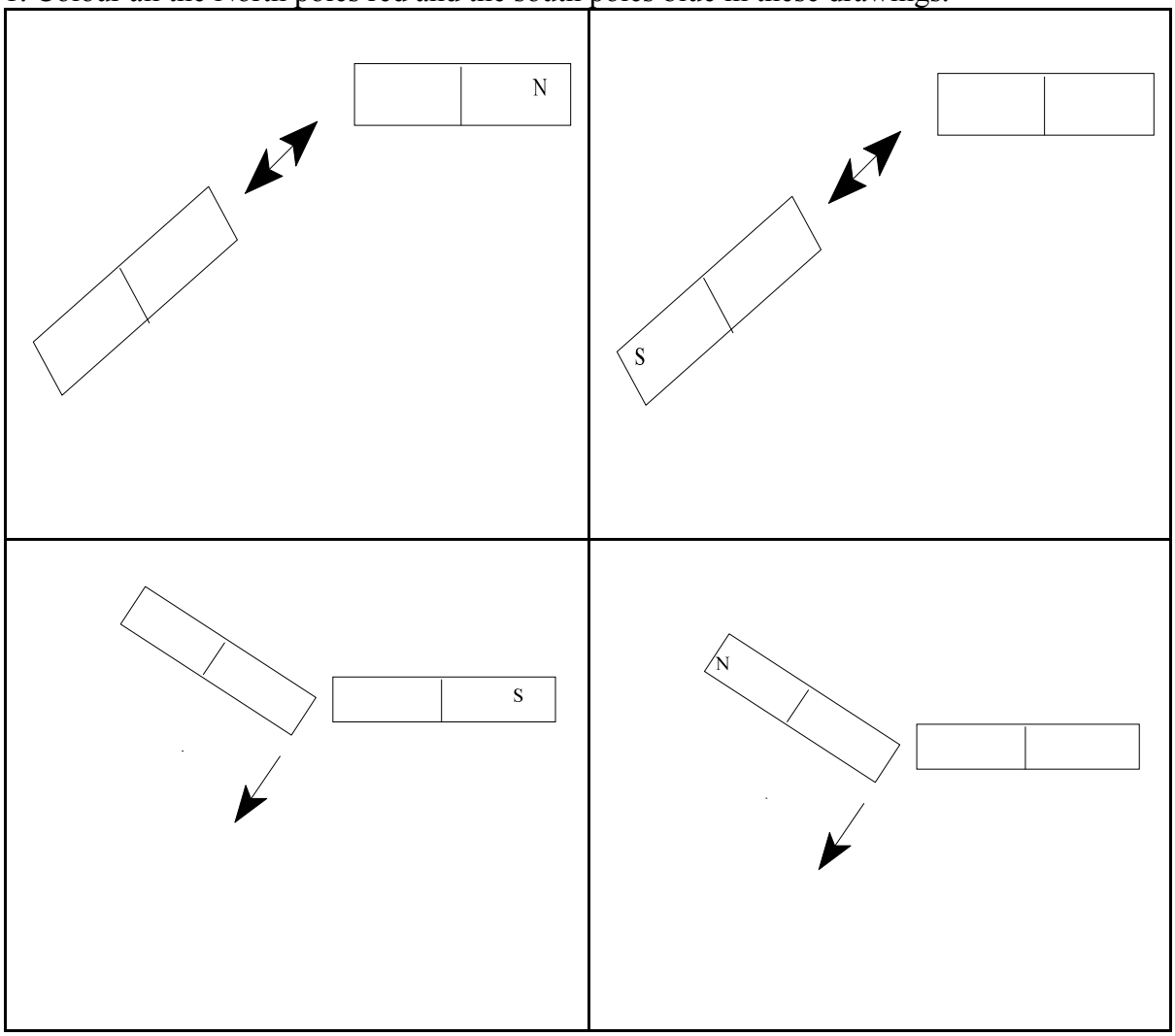
How can we use what we have learnt?

1. Colour all the North poles red and the south poles blue in these drawings.



2. I give you a magnet with the North and South poles marked on it. Then I give you a magnet
without the poles marked on it. How will you find the North and South pole of the unmarked magnet? Write down your answer here.

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New words we have learnt

1. ..... 2. ..... 3. ..... 4. ..... 5. .....
6. ..... 7. ..... 8. .....9. .....