1) Name the following ionic compounds (5 marks).

a) CaO

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b) HBr

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c) K3P

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d) AlN

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e) SrSe

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2) Heather is a student in another grade 9 Science class. She claims that oxygen gas, O2, is a compound because it is made of 2 oxygen atoms. Is she correct? Justify your answer. (1 mark)

3) Is burning wood a physical or chemical change? Justify your response (2 marks).

4) Give an example of an endothermic, physical change. Make sure you state whether or not this is a reversible or irreversible process. Explain why your example as a reversible/irreversible, endothermic, physical change. (4 marks)