**TUTORIAL 2 (REPLACEMENT)**

1. The following diagram shows number of students in a school who plays one of three sports.

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1. How many students who play Hockey and Cricket?
2. Represent Cricket with C, Hockey with H and Basketball with B.

On the diagram above, shade the region for the set $(C∩H^{'})∪(B∩H)'$.

[3 marks]

1. Given the relations {(1, 1), (2, 2), (1, 3), (3, 2), (1, 2)} on the set {1, 2, 3}. Identify whether the relations given is reflexive, symmetric and/or transitive? Explain your answer.

[3 marks]

1. Illustrate the graph for the function $g\left(x\right)=$ ⎡$x-1$⎤ for the range of $-3\leq x\leq 3$.

[3 marks]

1. Let $f\left(x\right)=x+2$ and $g\left(x\right)=2x-3$. Compute $gf\left(2\right),$

[2 marks]