Basic Patterns and Graphs Practice #4

- km 60 1. a) Plot lines on the graph from opposite for the situation start 50 where: 40 Bill rides his bike for two hours at 25 km per hour. 30 He rests for one hour. • 20 He rides back to the start at . 20 km per hour. 10 0 b) How long is it in total before 2 3 4 5 0 time (hrs) Bill returns to the start position?
 - c) What is the average speed of the runnerwhose distance vs time is shown on the graph?



2. a) For the pattern shown to the left, complete the table below:

x	0	1	2	3	4	5	 10
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b) Give the equation of that pattern:

c) On the same grid, plot the line y = 5 - x

3. The graph below shows the temperature in an office building during a working day:



Answers: Basic Patterns and Graphs Practice #4



 c) What is the average speed of the runner whose whose distance vs time is shown on the graph? 8 km/hr (40 km in 5 hours – dotted line)



2. a) For the pattern shown to the left, complete the table below:



3. The graph below shows the temperature in an office building during a working day:

