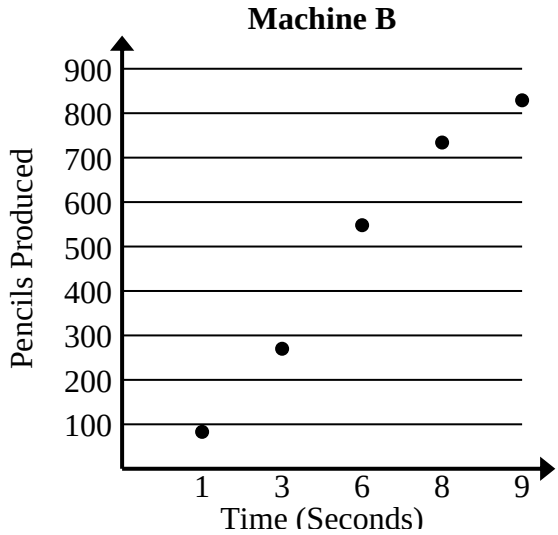
Solve each problem.

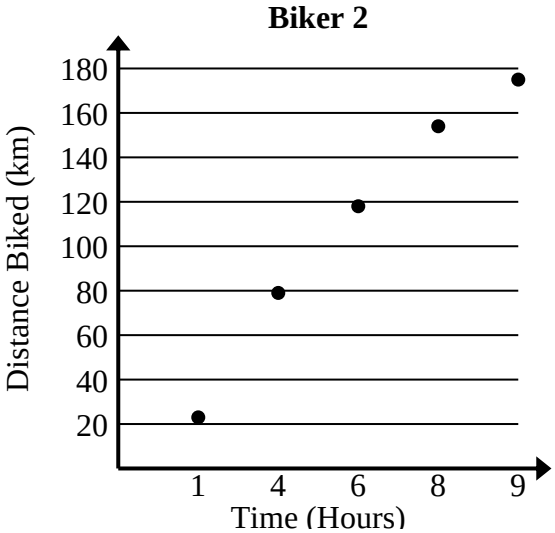
1) Compare the approximate pencils per second produced by Machine A to Machine B.

Machine A	
Time (Seconds)	**Pencils Produced**
2	194
5	473
7	660
8	754
9	846



2) Compare the approximate speed of Biker 1 to Biker 2.

Biker 1	
Time (Hours)	**Distance Biked (km)**
2	36
4	73
5	92
8	149
9	167



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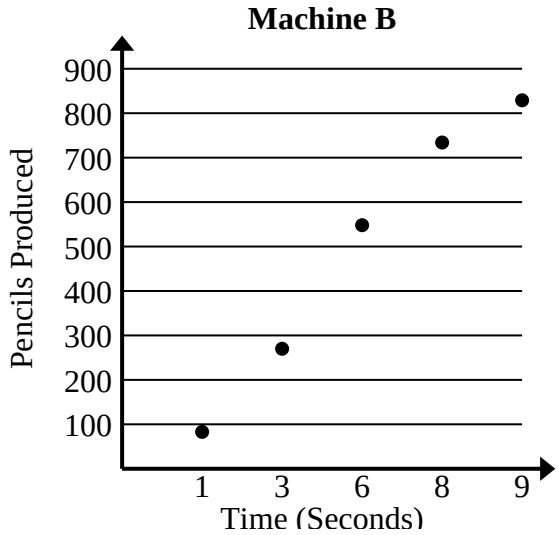

194+473+660+754+846 = 2,927 total pencils
2+5+7+8+9 = 31 total seconds
2,927÷31 = 94.4

83+270+548+734+829 = 2,464 total pencils
1+3+6+8+9 = 27 total seconds
2,464÷27 = 91.3

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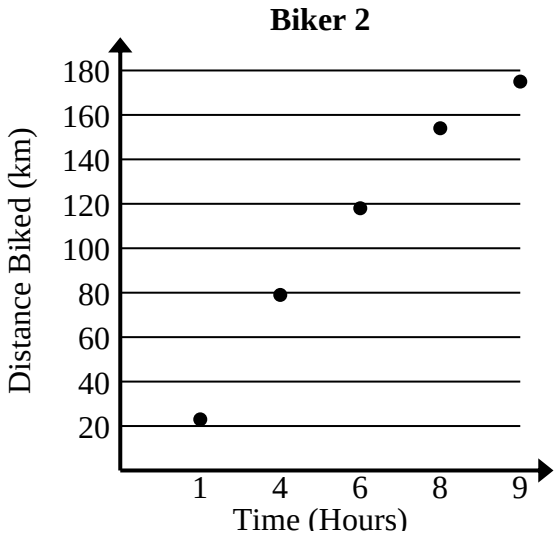

36+73+92+149+167 = 517 total km
2+4+5+8+9 = 28 total hours
517÷28 = 18.5

23+79+118+154+175 = 549 total km
1+4+6+8+9 = 28 total hours
549÷28 = 19.6