

Name : \_\_\_\_\_

## Perimeters and Areas

Sheet 1

A) Complete the table.

	Perimeter of figure P	Scale factor of P to Q	Ratio of perimeters	Perimeter of figure Q
1)	23 yd	2 : 1		
2)	7.2 in	8 : 5		
3)	45 ft	1.5 : 7		
4)	52 yd	1.3 : 0.25		
5)	32.9 ft	1 : 4		
6)	41.07 in	3.7 : 2.4		

B) Complete the table.

	Area of figure A	Scale factor of A to B	Ratio of areas	Area of figure B
1)	18 in <sup>2</sup>	3 : 4		
2)	6 ft <sup>2</sup>	2.5 : 0.8		
3)	37 in <sup>2</sup>	5 : 8		
4)	100.86 yd <sup>2</sup>	4.1 : 1		
5)	53.9 yd <sup>2</sup>	7 : 9		
6)	21.54 ft <sup>2</sup>	1 : 0.5		