

Name : _____

Perimeters and Areas

Sheet 3

A) Complete the table.

	Perimeter of figure G	Scale factor of G to H	Ratio of perimeters	Perimeter of figure H
1)	9 ft	4 : 9		
2)	17.08 yd	1.4 : 0.75		
3)	52.5			
4)	63 i			
5)	25 y			
6)	32 f			

B) Complete the tab

	Area of fi			Area of figure T
1)	54 f			
2)	45.63			
3)	16.2 yd ²	9 : 6.5		
4)	36 ft ²	6 : 3.7		
5)	24.5 in ²	5 : 7		
6)	128 in ²	8 : 1		

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Answer key

Perimeters and Areas

Sheet 3

A) Complete the table.

	Perimeter of figure G	Scale factor of G to H	Ratio of perimeters	Perimeter of figure H
1)	9 ft	4 : 9	4 : 9	20.25 ft
2)	17.08 yd	1.4 : 0.75	1.4 : 0.75	9.15 yd
3)	52.5			60 in
4)	63 in			57.4 in
5)	25 yd			80 yd
6)	32 ft			19.2 ft

B) Complete the table

	Area of figure S			Area of figure T
1)	54 ft ²			84.375 ft²
2)	45.63			12 yd²
3)	16.2 yd ²	9 : 6.5	81 : 42.25	8.45 yd²
4)	36 ft ²	6 : 3.7	36 : 13.69	13.69 ft²
5)	24.5 in ²	5 : 7	25 : 49	48.02 in²
6)	128 in ²	8 : 1	64 : 1	2 in²

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