

Name : _____

Perimeters and Areas

Sheet 2

A) Complete the table.

	Perimeter of figure C	Scale factor of C to D	Ratio of perimeters	Perimeter of figure D
1)	17.1 in	1.9 : 7.3		
2)	33 ft	6 : 2.9		
3)	27 y			
4)	9.57			
5)	57.75			
6)	48 y			

B) Complete the table

	Area of figure X			Area of figure Y
1)	24.2 y			
2)	32 in			
3)	8.67 ft ²	1.7 : 0.9		
4)	150 in ²	5 : 6		
5)	46.72 ft ²	8 : 3.3		
6)	15 yd ²	2 : 5		

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Answer key

Perimeters and Areas

Sheet 2

A) Complete the table.

	Perimeter of figure C	Scale factor of C to D	Ratio of perimeters	Perimeter of figure D
1)	17.1 in	1.9 : 7.3	1.9 : 7.3	65.7 in
2)	33 ft	6 : 2.9	6 : 2.9	15.95 ft
3)	27 y			3 yd
4)	9.57			12.76 ft
5)	57.75			42 in
6)	48 y			96 yd

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B) Complete the table

	Area of figure X			Area of figure Y
1)	24.2 y			5 yd²
2)	32 in			98 in²
3)	8.67 ft ²	1.7 : 0.9	2.89 : 0.81	2.43 ft²
4)	150 in ²	5 : 6	25 : 36	216 in²
5)	46.72 ft ²	8 : 3.3	64 : 10.89	7.9497 ft²
6)	15 yd ²	2 : 5	4 : 25	93.75 yd²