	Creatin	ng Area and Perimeter F	Rectan	gles Name:							
Use the diagrams below to create a rectangle with the area/perimeter shown. Each = 1 unit(u). Answer with the length and height. Answers will vary.											
1)	Area of 30 square units.	2) Area of 54 square units		Perimeter of 38 units.	1 =30u <sup>2</sup> 2 =54u <sup>2</sup> 3 =38u 4 =3u <sup>2</sup> 5 =21u <sup>2</sup>						
4)	Area of 3 square units.	5) Area of 21 square units	s. 6)	Perimeter of 18 units.	6 =18u 7 =42u <sup>2</sup> 8 =8u 9 =10u <sup>2</sup> 10 =6u 16.						
7)	Area of 42 square units.	8) Perimeter of 8 units.	9) • • •	Area of 10 square units.	11 =16u 12 =9u <sup>2</sup>						
10)	Perimeter of 6 units.	<b>11</b> ) Perimeter of 16 units.	12)	Area of 9 square units.							
	Math www.Co	ommonCoreSheets.com	6	1-10 92 83 7 11-12 8 0	5 67 58 50 42 33 25 17						

	Creatin	ng A	Area and Perimeter Rec	tang	gles Name:	Answ	er Key				
Use the diagrams below to create a rectangle with the area/perimeter shown. Each •—• = 1 unit(u). Answer with the length and height. Answers will vary.											
1)	Area of 30 square units.		Area of 54 square units.		Perimeter of 38 units.	1	$=30u^{2}$				
			• •			2	$=54u^2$				
	• • • • • • • • • • • • •		• • • • • • • • • • • • •		• • • • • • • • • • • • •	3	=38u				
						4	$=3u^2$				
			• •			5	$=21u^{2}$				
Δ		<b>5</b> )		0	<b>D</b> 1	6	=18u				
4)	Area of 3 square units.	3)	Area of 21 square units.	6)	Perimeter of 18 units.	7	$=42u^{2}$				
	• •		• •		• •	8	=8u				
			• •		• •	9	= <b>10</b> u <sup>2</sup>				
			• •			10	=6u				
						11	=16u				
7)	Area of 42 square units.	8)	Perimeter of 8 units.	9)	Area of 10 square units.	12.	$=9u^2$				
			• • • • • • • • • • •		• • • • • • • • • • •						
					• • • • • • • • • • •						
			• • • • • • • • • • • •		• • • • • • • • • • •						
10)	Perimeter of 6 units.	11)	Perimeter of 16 units.	12)	Area of 9 square units.						
	• • • • • • • • • • •		• • • • • • • • • •		• • • • • • • • • • •						
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	Math www.Co	mmo	onCoreSheets.com	6	1-10 92 83 7 11-12 8 0	<b>1</b> 75 67 58	50 42 33 25 17				