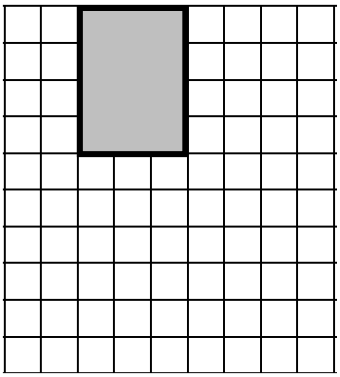
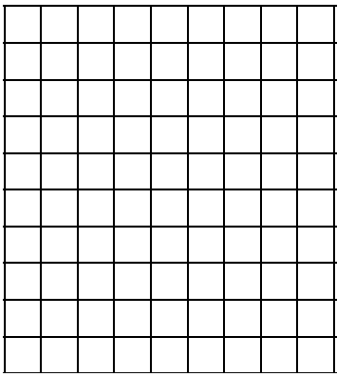
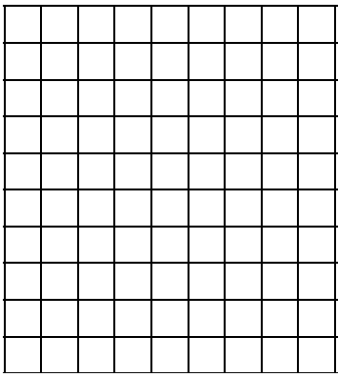
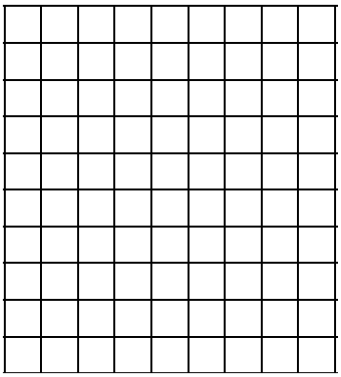
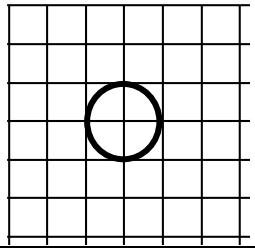
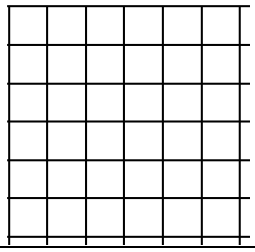
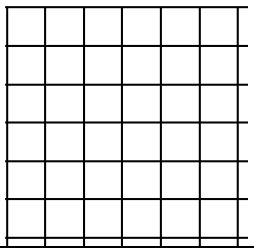
Change in Dimensions Notes

Name_____

Original Rectangle	Rectangle 1	Rectangle 2	Rectangle 3
			
Length = Width = Area =	Length = 8 cm Width = 3 cm Area =	Length = 4 cm Width = 6 cm Area =	Length = 8 cm Width = 6 cm Area =
	When the length _____ _____ and the width _____, then the area _____	When the length _____ _____ and the width _____, then the area _____	When the length _____ _____ and the width _____, then the area _____

Original Circle	Circle 1	Circle 2
		
Radius = Area =	Radius = 2 cm Area =	Radius = 3 cm Area =
	When the radius _____ then the area _____	When the radius _____ then the area _____

Pause the video and try these on your own!
Then press play and check your answers with a color pen.

1. Looking at the original rectangle, what would happen to the area if you tripled the length, but kept the width the same? _____

2. Looking at the original rectangle, what would happen to the area if you tripled the length and the width? _____

3. Looking at the original circle, what would happen to the area if you quadrupled the radius?

_____

4. Looking at the original circle, what would happen to the area if you multiplied the radius by 7?

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