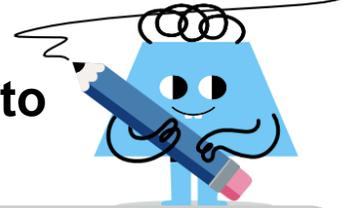




## Trigonometry - Quadrants - Trig Ratio to Quadrant Signs



1

In which quadrants is this trig ratio positive/negative?

$$\cot(\alpha)$$

A	-	+	B	+	+
	+	-		-	-

2

In which quadrants is this trig ratio positive/negative?

$$\sec(\gamma)$$

A	-	+	B	-	+
	+	-		-	+

3

In which quadrants is this trig ratio positive/negative?

$$\sin(\beta)$$

A	-	+	B	+	+
	+	-		-	-

4

In which quadrants is this trig ratio positive/negative?

$$\sec(\alpha)$$

A	-	+	B	-	+
	+	-		-	+

5

In which quadrants is this trig ratio positive/negative?

$$\csc(\theta)$$

A	+	+	B	-	+
	-	-		+	-

6

In which quadrants is this trig ratio positive/negative?

$$\cos(\alpha)$$

A	-	+	B	-	+
	-	+		+	-

7

In which quadrants is this trig ratio positive/negative?

$$\csc(\beta)$$

A	+	+	B	-	+
	-	-		+	-

8

In which quadrants is this trig ratio positive/negative?

$$\csc(\gamma)$$

A	-	+	B	+	+
	+	-		-	-