

simplified form of a rational expression (p. 573) A rational expression in which the numerator and denominator have no common factors other than ± 1 .

forma simplificada de una expresión racional (pág. 573) Expresión racional en la que el numerador y el denominador no tienen factores comunes además de ± 1 .

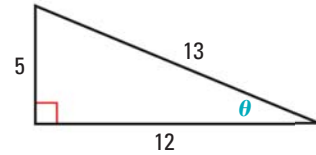
$$\frac{x^2 - 2x - 15}{x^2 - 9} = \frac{(x + 3)(x - 5)}{(x + 3)(x - 3)} = \frac{x - 5}{x - 3}$$

↑

Simplified form
Forma simplificada

sine function (p. 852) If θ is an acute angle of a right triangle, the sine of θ is the length of the side opposite θ divided by the length of the hypotenuse.

función seno (pág. 852) Si θ es un ángulo agudo de un triángulo rectángulo, el seno de θ es la longitud del lado opuesto a θ dividida por la longitud de la hipotenusa.



$$\sin \theta = \frac{\text{opp}}{\text{hyp}} = \frac{5}{13}$$

$$\csc \theta = \frac{\text{hyp}}{\text{opp}} = \frac{13}{5}$$

$$\cos \theta = \frac{\text{adj}}{\text{hyp}} = \frac{12}{13}$$

$$\sec \theta = \frac{\text{hyp}}{\text{adj}} = \frac{13}{12}$$

$$\tan \theta = \frac{\text{opp}}{\text{adj}} = \frac{5}{12}$$

$$\cot \theta = \frac{\text{adj}}{\text{opp}} = \frac{12}{5}$$

$$\text{sen } \theta = \frac{\text{op}}{\text{hip}} = \frac{5}{13}$$

$$\text{cosec } \theta = \frac{\text{hip}}{\text{op}} = \frac{13}{5}$$

$$\text{cos } \theta = \frac{\text{ady}}{\text{hip}} = \frac{12}{13}$$

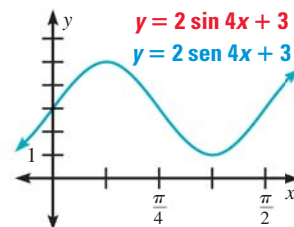
$$\text{sec } \theta = \frac{\text{hip}}{\text{ady}} = \frac{13}{12}$$

$$\text{tan } \theta = \frac{\text{op}}{\text{ady}} = \frac{5}{12}$$

$$\text{cot } \theta = \frac{\text{ady}}{\text{op}} = \frac{12}{5}$$

sinusoids (p. 941) Graphs of sine and cosine functions.

sinusoides (pág. 941) Gráficas de funciones seno y coseno.



skewed distribution (p. 727) A probability distribution that is not symmetric. *See also* symmetric distribution.

distribución asimétrica (pág. 727) Distribución de probabilidades que no es simétrica. *Ver también* distribución simétrica.

