

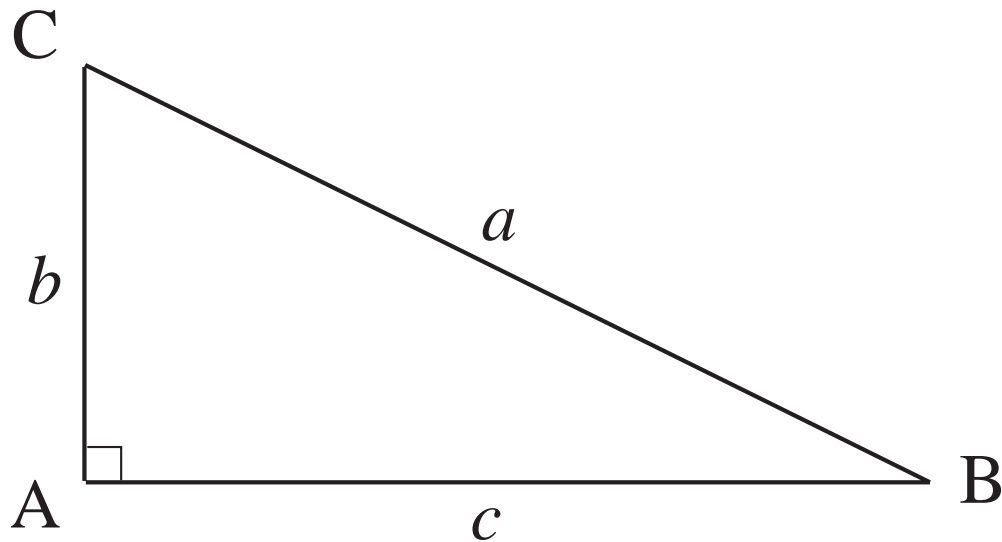
UNIT 4 *Trigonometry*

Overhead Slides

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- 4.1 Trigonometric Relationships
- 4.2 Trigonometric Puzzle
- 4.3 Sine and Cosine Functions
- 4.4 Tangent Functions

OS 4.1

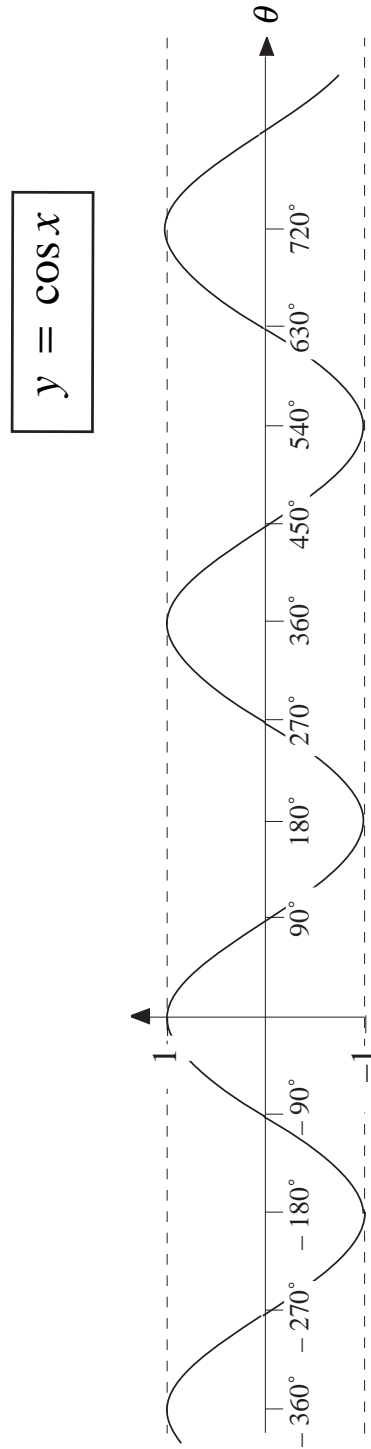
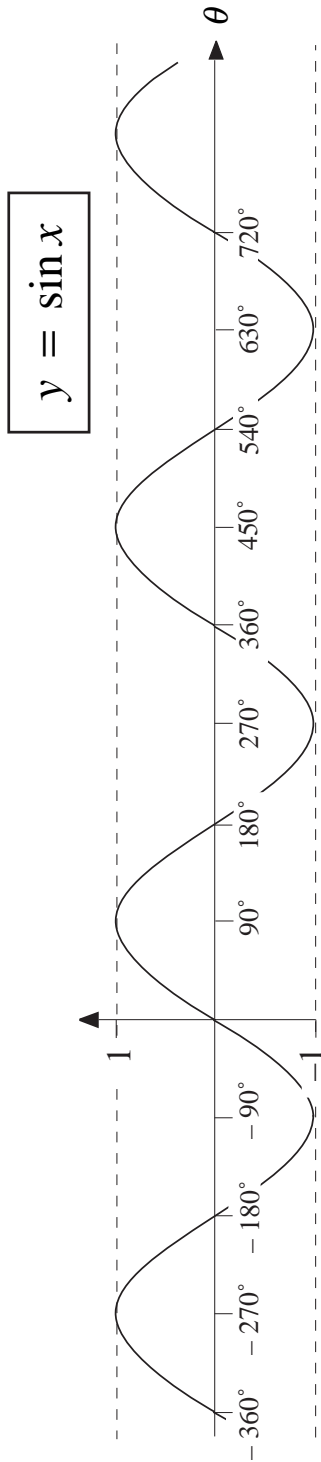
Trigonometric Relationships

$$\sin B = \frac{\text{opp}}{\text{hyp}} = \frac{b}{a} \qquad \sin C = \frac{c}{a}$$

$$\cos B = \frac{\text{adj}}{\text{hyp}} = \frac{c}{a} \qquad \cos C = \frac{b}{a}$$

$$\tan B = \frac{\text{opp}}{\text{adj}} = \frac{b}{c} \qquad \tan C = \frac{a}{b}$$

OS 4.3

Sine and Cosine Functions

OS 4.4

Tangent Functions

$$y = \tan x$$

