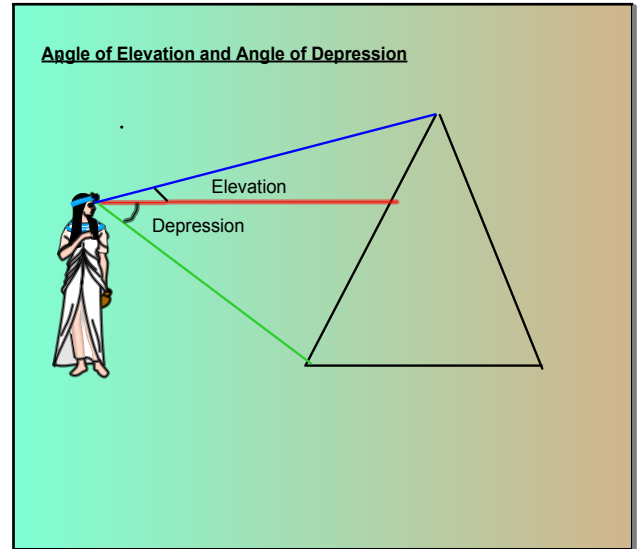


Section 2.5 - SOLVING PROBLEMS

KEY TERMS -

Angle of Elevation - The angle formed between the horizontal and the line of sight when you look up.

Angle of Depression - The angle formed between the horizontal and the line of sight when you look down.



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Solution

$$\tan = \frac{\text{opp}}{\text{adj}}$$

$$\tan 36 = \frac{x}{43}$$

$$x = \tan 36 \times 43$$

$$x = 31.24$$

$$\tan = \frac{\text{opp}}{\text{adj}}$$

$$\tan 62 = \frac{x}{43}$$

$$x = \tan 62 \times 43$$

$$x = 80.87$$

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Mar 2-2:03 PM