Name_____ Class_____ Date_____

Practice 8-5

Angles of Elevation and Depression

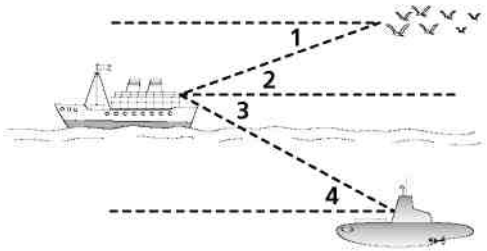
Describe each **angle as it relates to the diagram.**

1. **a.** ∠1

b. ∠2

c. ∠3

d. ∠4

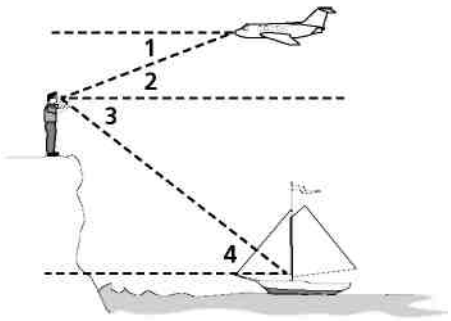


2. **a.** ∠1

b. ∠2

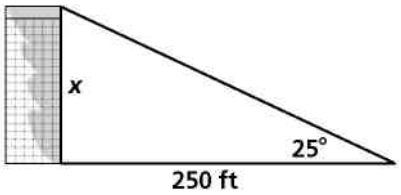
c. ∠3

d. ∠4



Find the value **of** x**. Round the lengths to the nearest tenth.**

3.



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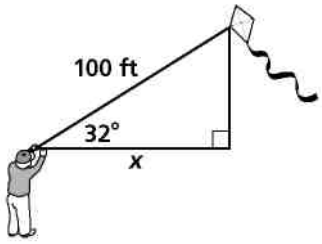

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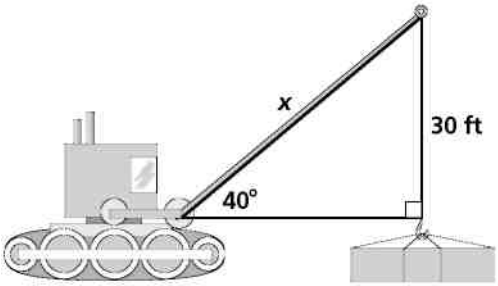

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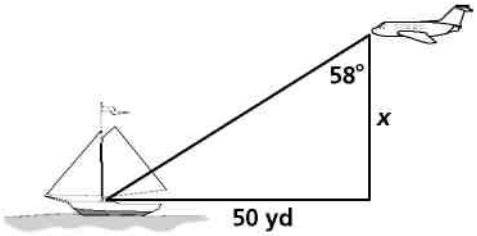

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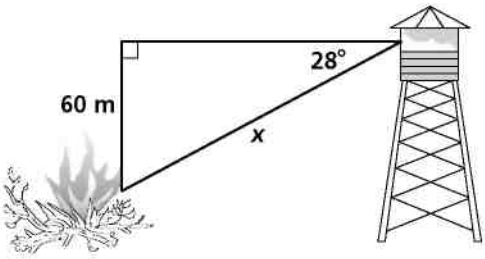

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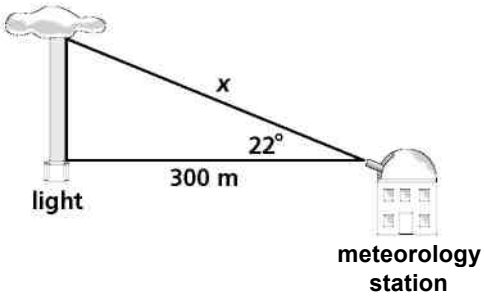

9. A person standing 30 ft from a flagpole can see the top of the pole at a 35° angle of elevation.

a. Draw a diagram.

b. The person's eye level is 5 ft from the ground. Find the height of the flagpole to the nearest foot.

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