Pre-Calculus
Trig Review

Name _____
Date _____
A # _____

Find x and y. Write all answers to 3 decimal places.

①

24, 40°, x

②

63°, x, 20

③

20, y°, x, x

④

x°, 21, 14, y°

⑤

50°, z, x°, y°, 15, 15

⑥

x°, y, 5, y°, x°, 3

⑦

45°   7√2

x

z   y°

⑧

x°

y   12

60°

z

⑨

6√2

x°   y°

z

⑩

y   9

x°   30°

z
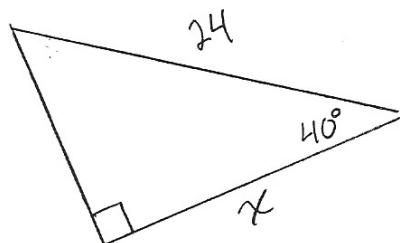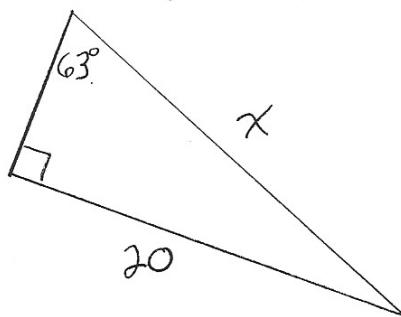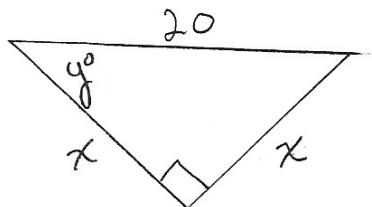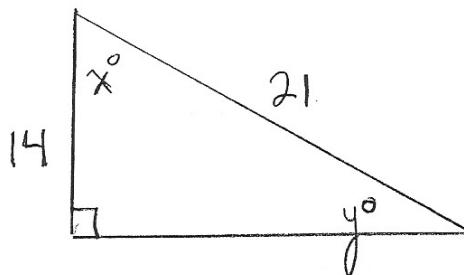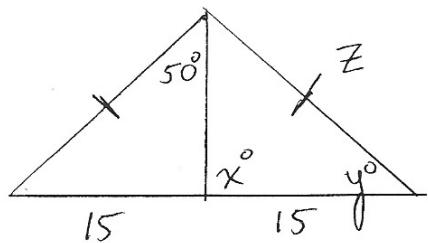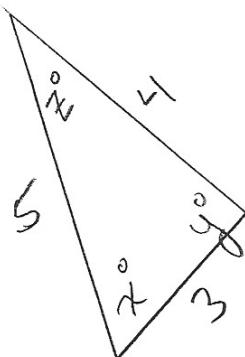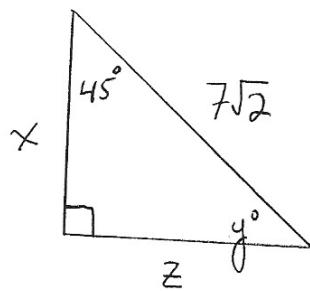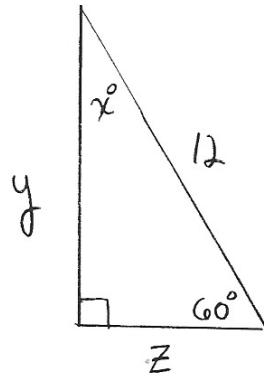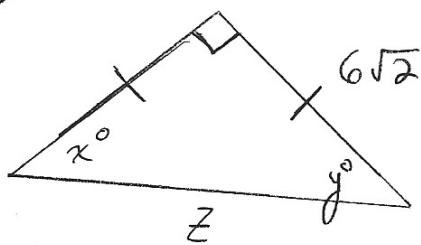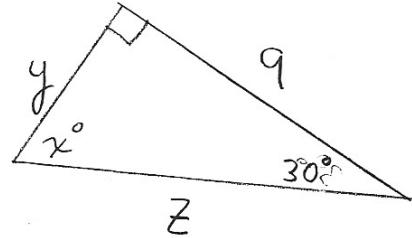
⑪ a) Write the equation of a circle with a point
A(6,8) on the circle. and the origin as the center.

b) Consider the radius $\overline{AO}$. What is the angle measure
that the radius makes with the x-axis?

⑫ The Goodyear Blimp spots Candlestick park with an
angle of depreciation of 7°. The pilot looks at the
gps and notes that their vertical elevation is 4,000 ft.
What is the blimps horizontal distance from the park?