**HW 8-1**

**Solve for x in the following:**



x

12

50

36

9

30

x

55

1. 4.

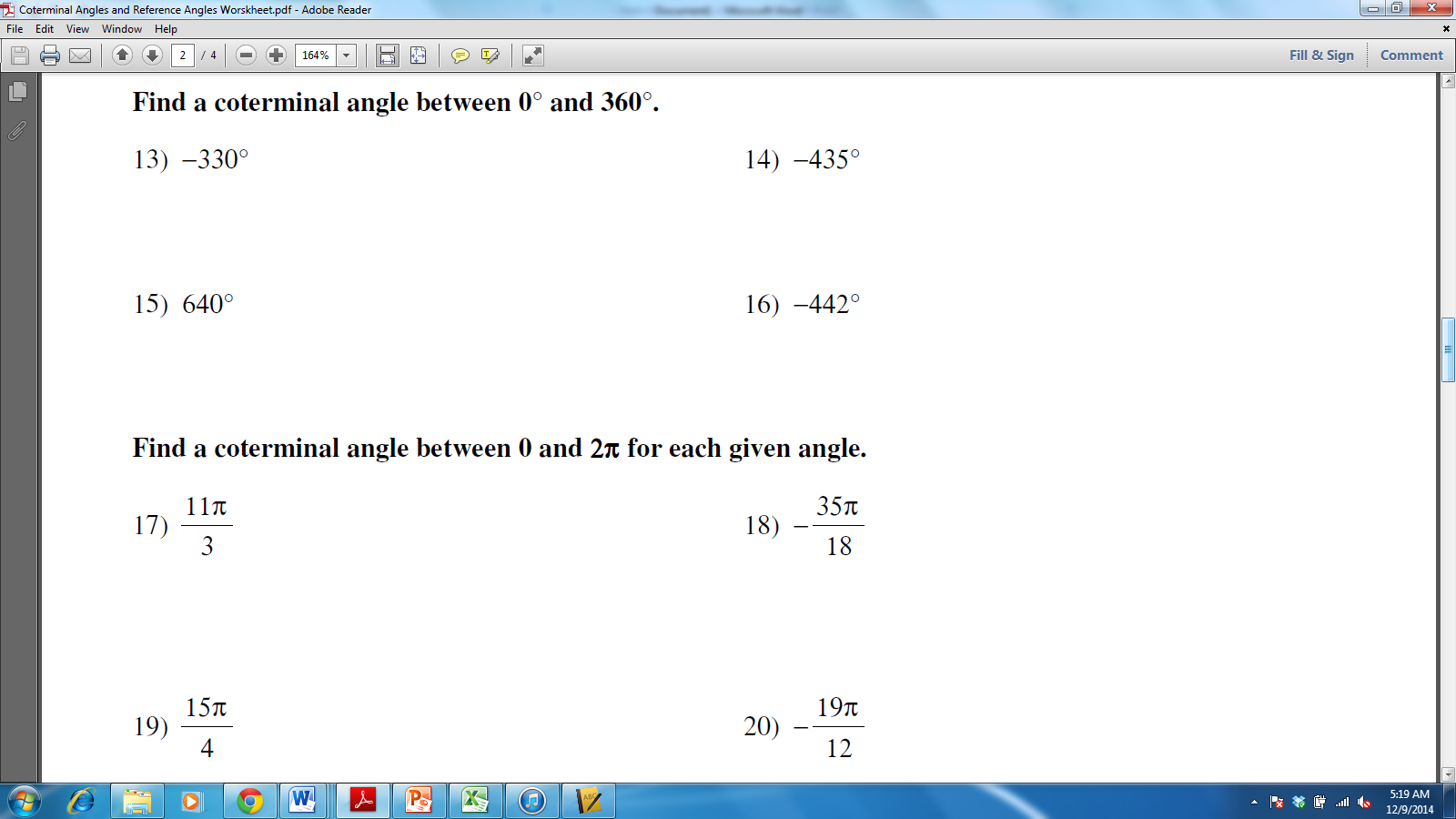
16

x

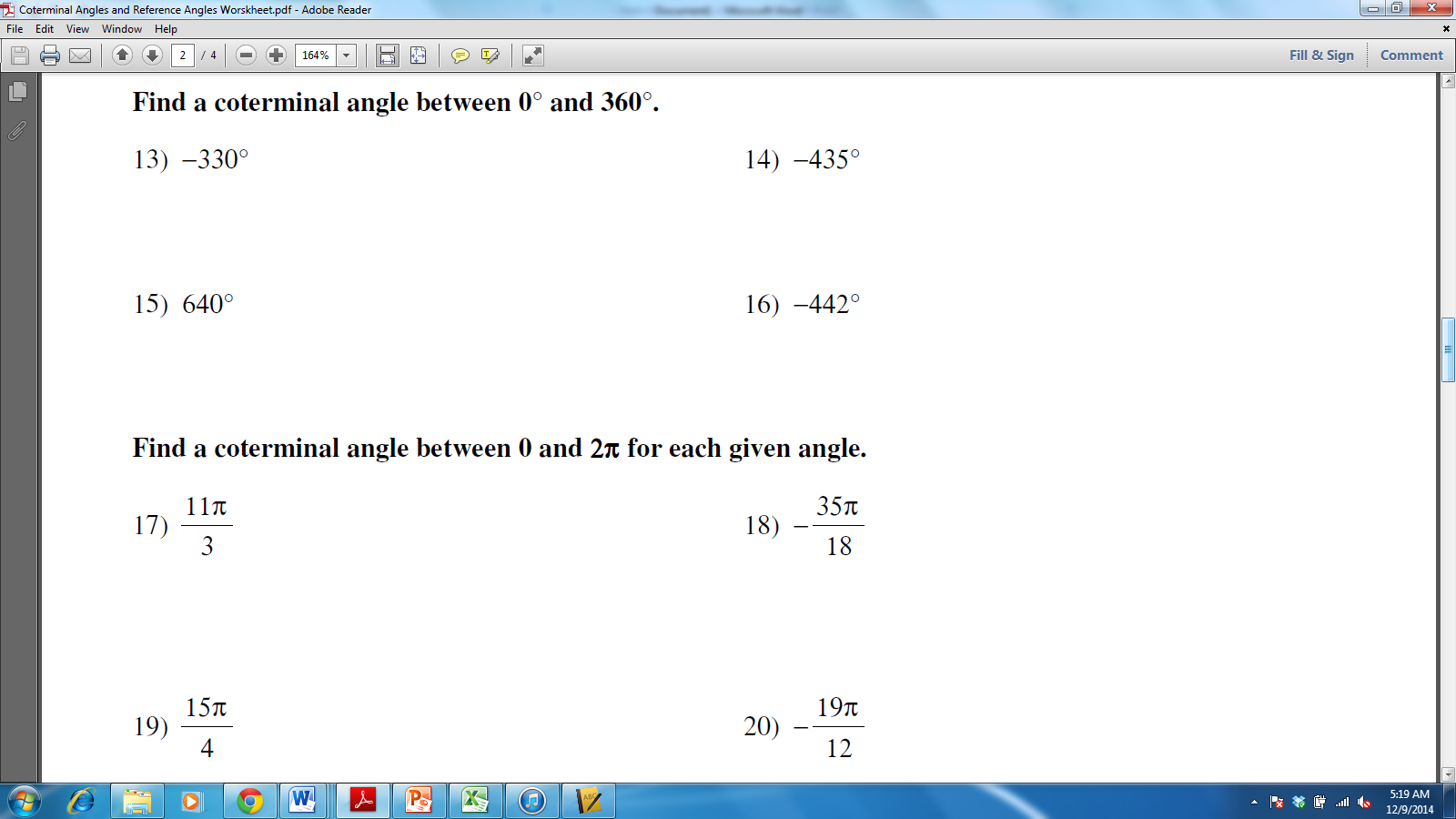
13

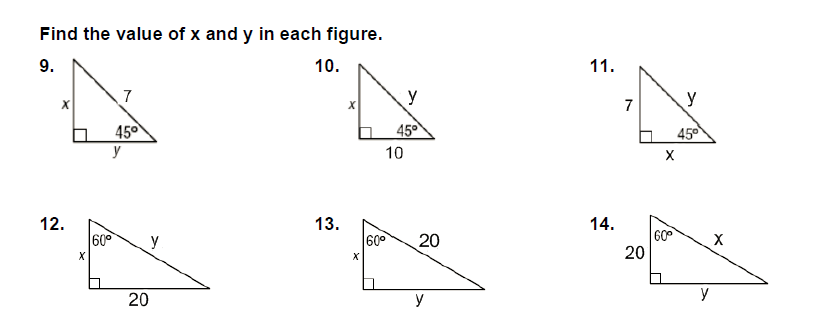
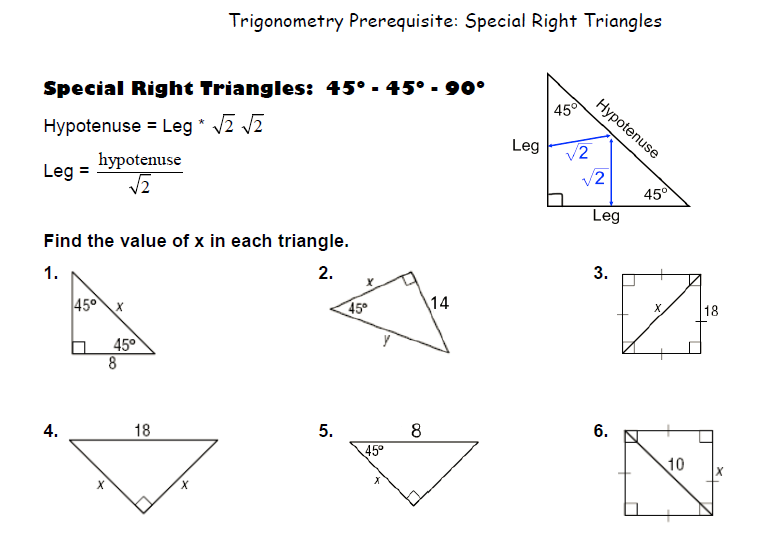
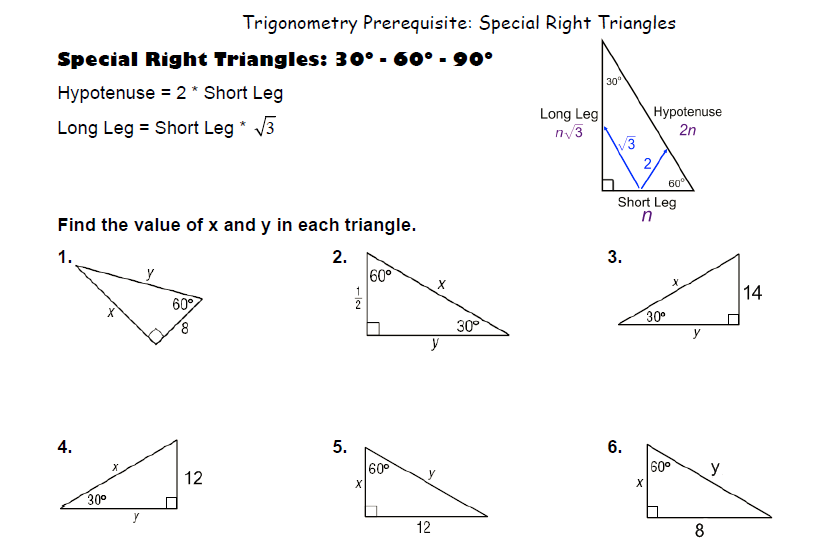
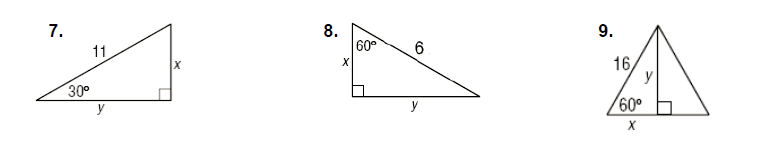
x

**Find a coterminal angle between 0° and 360°.**



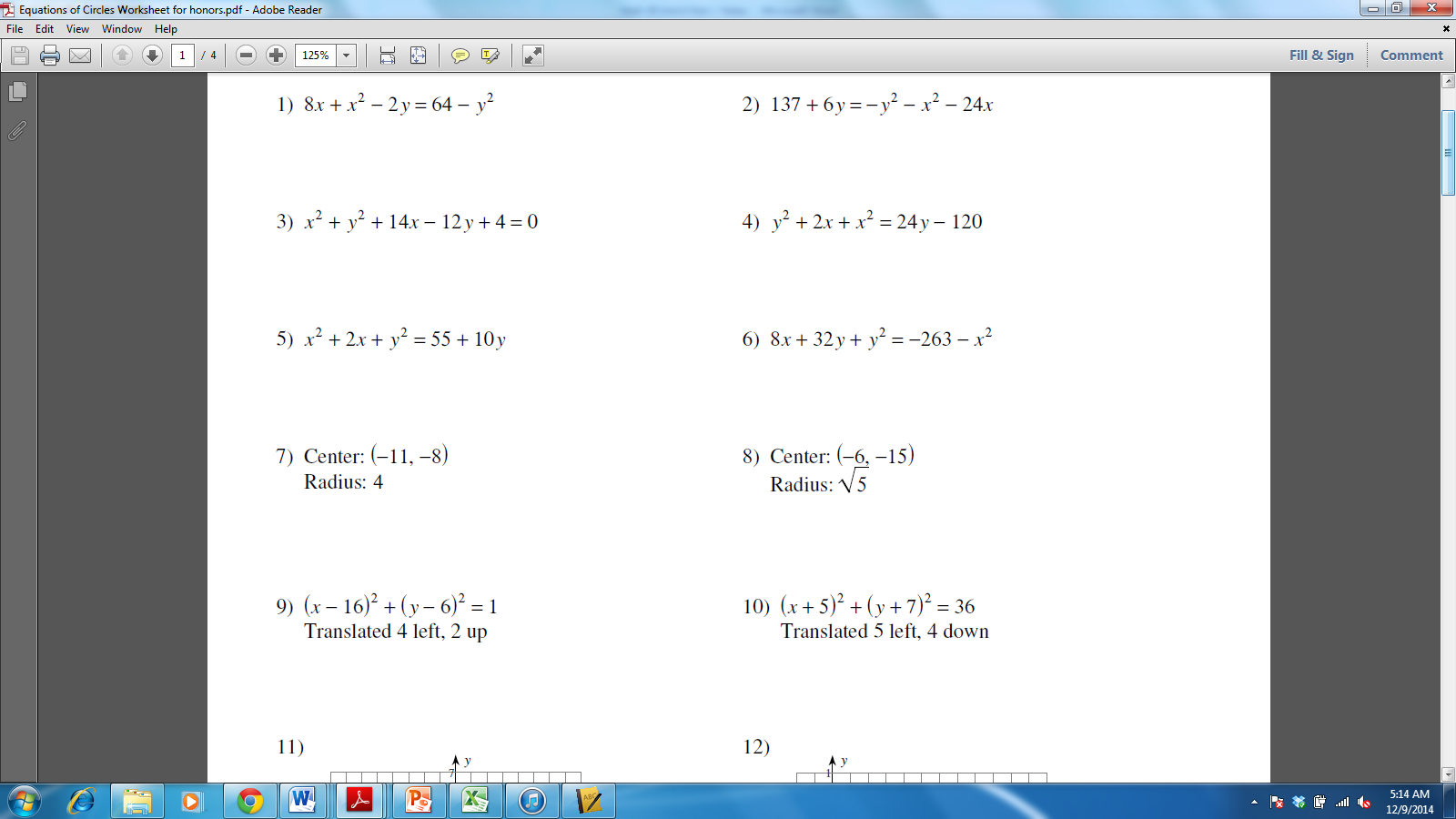
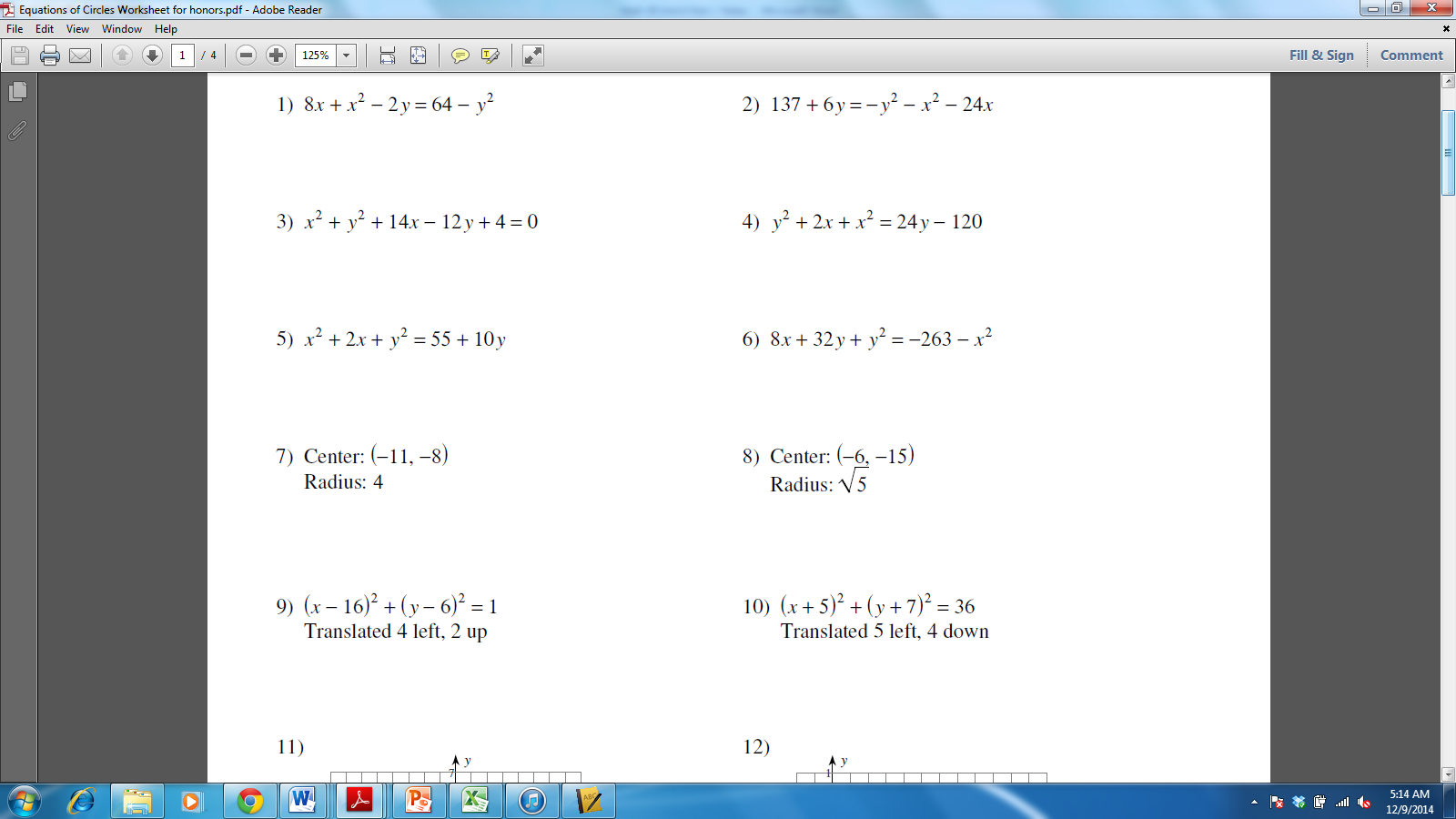
**Find a coterminal angle between 0 and 2π.**





**HW 8-2**

**Use the information provided to write the standard form equation of the circle.**



**HW 8-3**

**State the sign (+ or -) for a) sinθ, b) cosθ, and c) tanθ.**

1. 2. -450° 3. 4.
2. a) a) a)
3. b) b) b)
4. c) c) c)

**Without using a calculator, find the exact value.**

5. 6. 7. 8.

9. 10. 11. 12.

**HW 8-4**

**Find the values of the six trigonometric functions of an angle in standard position if the given point lies on the terminal side.**

1. 2. 3. 4.

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**Suppose is an angle in standard position whose terminal side lies in the given quadrant. For each function, find the values of the remaining five trigonometric functions of**

5. quadrant I 6. quandrant IV

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