Accel. PreCalculus Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Trig Functions of Non Unit Circle Points Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_

Use the given point on the terminal side of an angle $θ$ in standard position to evaluate all 6 trig functions of $θ$. Answers should be reduced fractions. NO DECIMALS.

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| --- | --- |
| 1. (6, 8) | 2. (4, -3) |
| 3. (-8, 15) | 4. (-5, -6) |
| 5. (3, 1) | 6. (-10, 24) |
| 7. (12, -5) | 8. (-7, -5) |

Over 🡺

Sketch each angle and state its reference angle.

9. 135$°$ 10. 210$°$ 11. $\frac{11π}{3}$

12. $\frac{13π}{4}$ 13. -405$°$ 14. -75$°$

15. $\frac{5π}{6}$ 16. $\frac{13π}{6}$