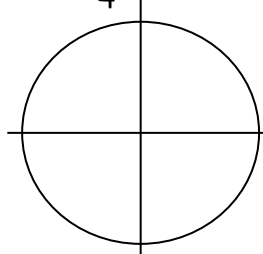
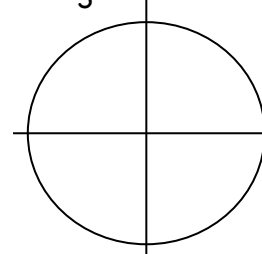
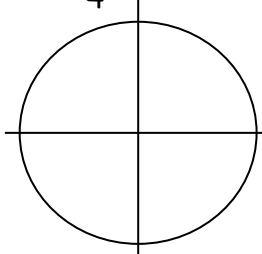
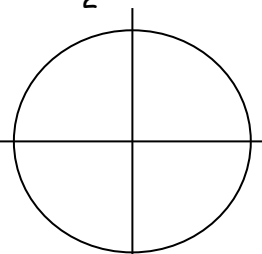
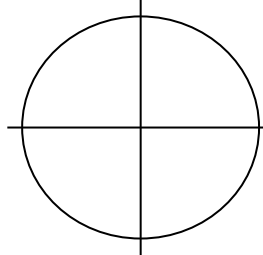
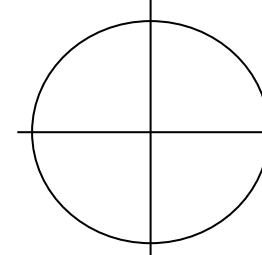
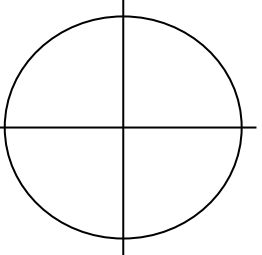
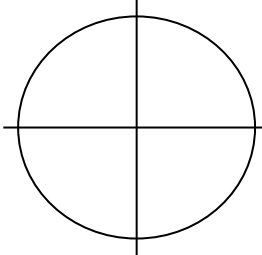
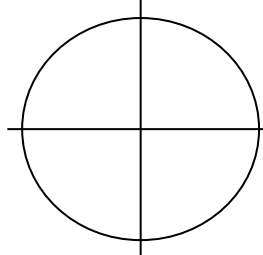
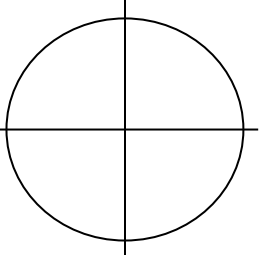
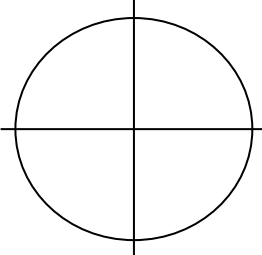
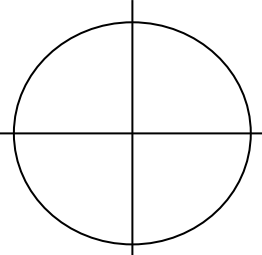


Advanced Functions HW Name _____
Trig Worksheet-Day 1 (Radians & Reference Angles)

Determine the quadrant in which each angle lies.

1. $\frac{7\pi}{4}$	2. $\frac{11\pi}{4}$	3. $-\frac{5\pi}{6}$	4. $-\frac{13\pi}{3}$
5. -1	6. -2	7. 3	8. 2.25
9. 150°	10. 282°	11. 87.9°	12. -245.25°

Sketch each angle in standard position and state the reference angle (in the same measure as the given angle).

<p>13. $\frac{3\pi}{4}$</p>  <p>Ref. ∠ = _____</p>	<p>14. $\frac{4\pi}{3}$</p>  <p>Ref. ∠ = _____</p>	<p>15. $-\frac{7\pi}{4}$</p>  <p>Ref. ∠ = _____</p>	<p>16. $-\frac{5\pi}{2}$</p>  <p>Ref. ∠ = _____</p>
<p>17. $\frac{11\pi}{6}$</p>  <p>Ref. ∠ = _____</p>	<p>18. $\frac{2\pi}{3}$</p>  <p>Ref. ∠ = _____</p>	<p>19. 4</p>  <p>Ref. ∠ = _____</p>	<p>20. -3</p>  <p>Ref. ∠ = _____</p>
<p>21. 150°</p>  <p>Ref. ∠ = _____</p>	<p>22. -270°</p>  <p>Ref. ∠ = _____</p>	<p>23. 405°</p>  <p>Ref. ∠ = _____</p>	<p>24. -450°</p>  <p>Ref. ∠ = _____</p>