## Parent Functions #11



Cycle:

Transformation Equation:

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Cycle:

## Steps for solving cosine equation:

- 1. Get cosine by itself-do inverse operations
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- 3. Label the sides of the triangles-adjacent over hypotenuse
- 4. Find the reference angle
- 5. Find the angles in standard position
  - Stop here if you are given an interval in the directions

EX.  $2\sqrt{3} - 6\cos x = 5\sqrt{3}$ 

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EX.  $-2\cos x = \sqrt{2}$ 

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