Consider a 150° angle.

1) Sketch this angle on the axis provided below.

2) What quadrant is this angle in?

3) Find another angle that is coterminal with this angle.
Consider a $150^\circ$ angle.

1) Sketch this angle on the axis provided below.

2) What quadrant is this angle in?

**Quadrant II**

3) Find another angle that is co-terminal with this angle.

There are multiple solutions, in particular anything that is $150^\circ + k \cdot 360^\circ$ for some positive or negative whole number $k$. Examples include:

$510^\circ$

$870^\circ$

$-210^\circ$

$-570^\circ$