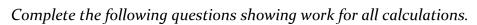
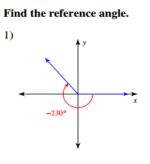
IB Mathematics SL

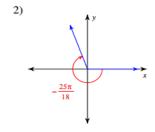
Co- terminal and Reference Angles

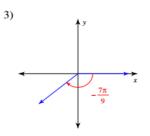
Name: _____

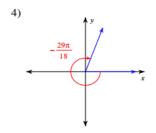
Date: _____

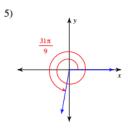


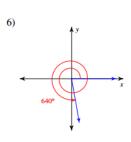
















9) $-\frac{13\pi}{12}$

10) -250°

State if the given angles are coterminal.

11) 185°, -545°
12)
$$\frac{17\pi}{36}$$
, $\frac{161\pi}{36}$

Find a coterminal angle between 0° and 360°.

Find a coterminal angle between 0 and 2π for each given angle.

17)
$$\frac{11\pi}{3}$$
 18) $-\frac{35\pi}{18}$

19)
$$\frac{15\pi}{4}$$
 20) $-\frac{19\pi}{12}$

Find a positive and a negative coterminal angle for each given angle.

21)
$$\frac{5\pi}{4}$$
 22) $\frac{25\pi}{36}$