

10.

a) red maple: $(3.5, 2)$ ✓

flowering dogwood: $(-3.5, 2)$ ✓

river birch: $(-3.5, -2)$ ✓

white pine: $(3.5, -2)$ ✓

12.

a) $A = (x, y)$

$A' = (x, -y)$ ✓

$A'' = (-x, y)$ ✓

$A''' = (-x, -y)$ ✓

b) $A' = 360 - \theta$ ✓

$A'' = 180 - \theta$ ✓

$A''' = 180 + \theta$ ✓