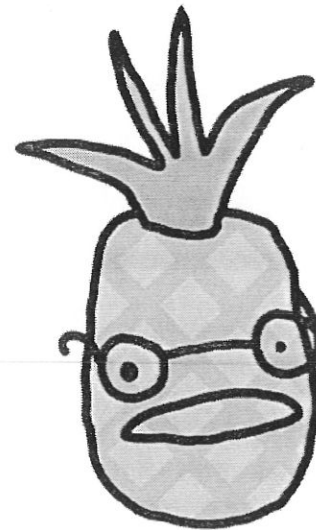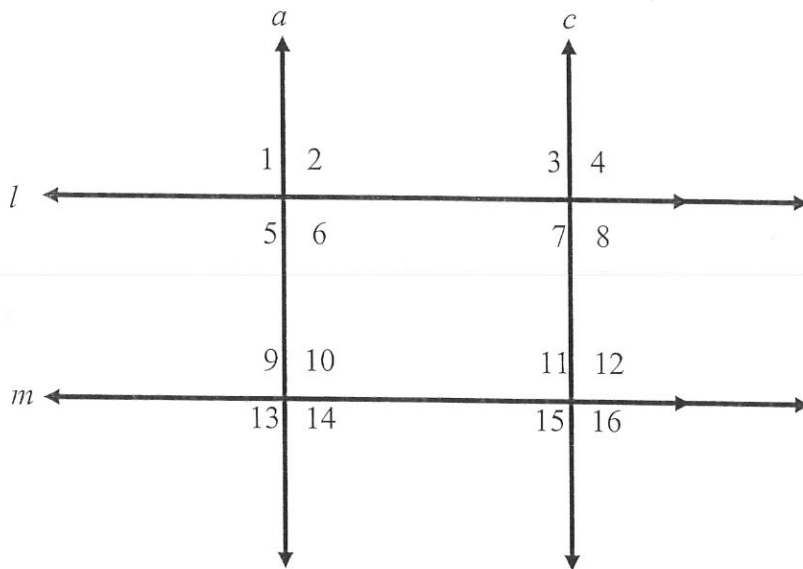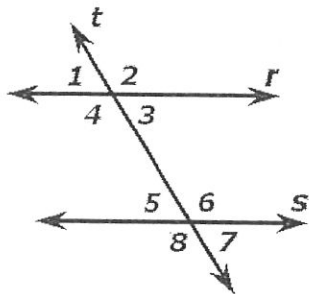USE THE DIAGRAM BELOW TO EVALUATE EACH ANGLE MEASURE.

GIVEN: $l \parallel m$, $\angle 16 \cong \angle 1$, AND $m\angle 4 = 75°$.

$m\angle 1 =$ _____ $m\angle 2 =$ _____ $m\angle 3 =$ _____ $m\angle 4 =$ _____

$m\angle 5 =$ _____ $m\angle 6 =$ _____ $m\angle 7 =$ _____ $m\angle 8 =$ _____

$m\angle 9 =$ _____ $m\angle 10 =$ _____ $m\angle 11 =$ _____ $m\angle 12 =$ _____

$m\angle 13 =$ _____ $m\angle 14 =$ _____ $m\angle 15 =$ _____ $m\angle 16 =$ _____

DESCRIBE THE TYPE OF ANGLES THAT WOULD CAUSE LINES r AND s TO BE PARALLEL.

(a) $\angle 8 \cong \angle 2$

(b) $\angle 3 \cong \angle 5$

(c) $m\angle 3 + m\angle 6 = 180°$

(d) $\angle 7 \cong \angle 3$