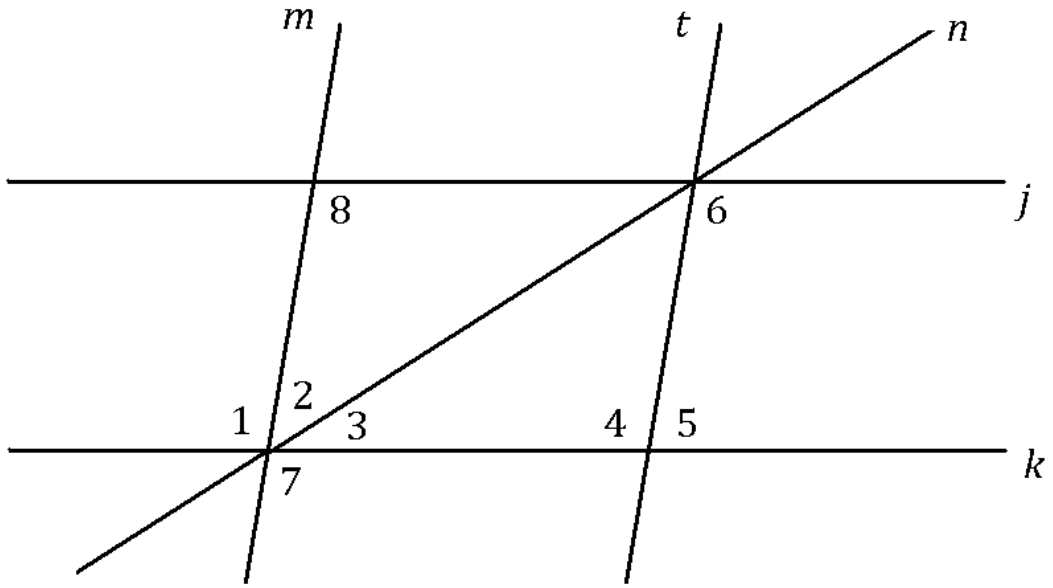
What two lines (if any) must be parallel if the given information is true? If the answer is none, write NONE.




Example: $m\measuredangle 7 = m\measuredangle 8$ $\underline{j \parallel k}$

**1.** $m\measuredangle 1 = m\measuredangle 4$

**2.** $m\measuredangle 6 = m\measuredangle 4$

**3.** $m\measuredangle 2 + m\measuredangle 3 = m\measuredangle 5$

**4.** $m\measuredangle 2 + m\measuredangle 3 + m\measuredangle 8 = 180$

**5.** $\measuredangle 6 \cong \measuredangle 8$

**6.** $\measuredangle 7 \cong \measuredangle 1$

**7.** $m\measuredangle 1 = 75;\ m\measuredangle 8 = 75$

**8.** $\measuredangle 5$ & $\measuredangle 6$ are supplementary

**9.** $\measuredangle 7$ & $\measuredangle 8$ are supplementary

**1.** $m \parallel t$ (corr ∡s ≅)

**2.** $j \parallel k$ (alt int ∡s ≅)

**3.** $m \parallel t$ (corr ∡s ≅)

**4.** $j \parallel k$ (s-s int ∡s are supps)

**5.** $m \parallel t$ (corr ∡s ≅)

**6.** NONE (vert ∡s are ≅)

**7.** $j \parallel k$ (alt int ∡s ≅)

**8.** $j \parallel k$ (s-s int ∡s are supps)

**9.** NONE (corr ∡s are ≅ only if both = 90… no proof they are)