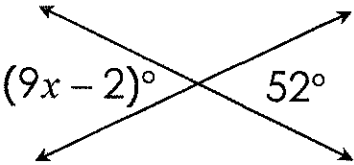
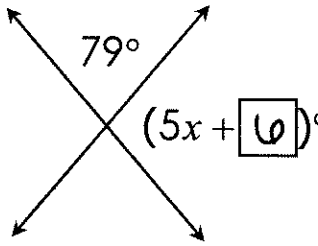
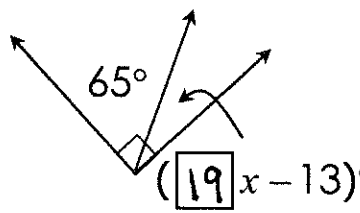
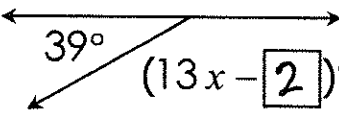
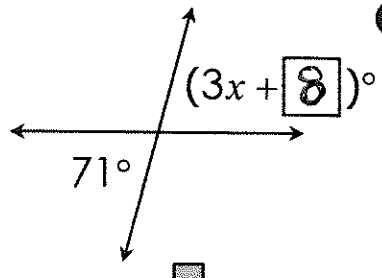
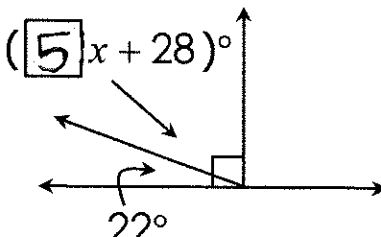
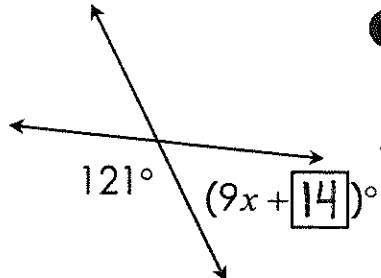
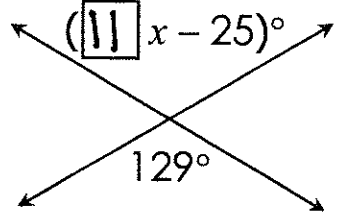
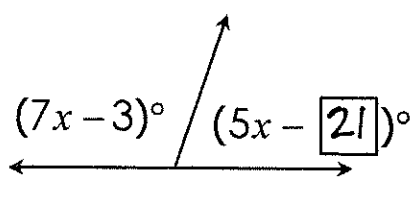
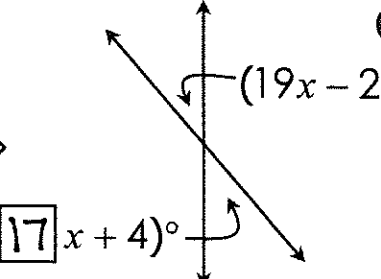
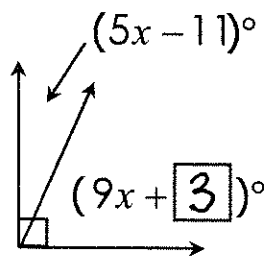
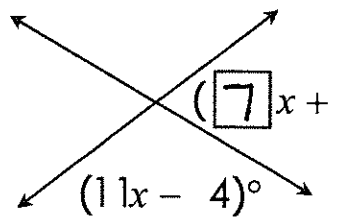
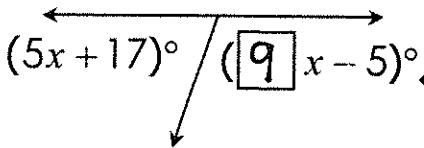
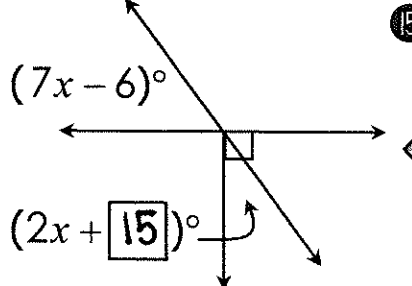
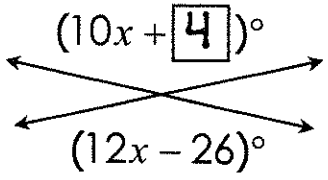
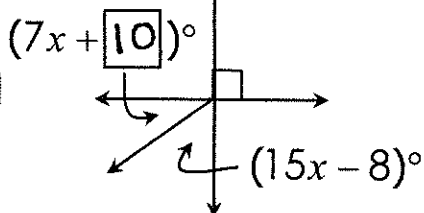


# ANGLE RELATIONSHIPS RELAY PUZZLE

**Directions:** Beginning with the "Start" box, use the diagram to solve for  $x$ . Use the arrows to navigate through the page. Use the answer from the previous problem to fill in the box for the next problem.

<b>Start!</b>  $(9x - 2)^\circ$ and $52^\circ$	 $79^\circ$ and $(5x + 6)^\circ$	 $65^\circ$ and $(19x - 13)^\circ$	 $39^\circ$ and $(13x - 2)^\circ$
 $(3x + 8)^\circ$ and $71^\circ$	 $(5x + 28)^\circ$ and $22^\circ$	 $121^\circ$ and $(9x + 14)^\circ$	 $(11x - 25)^\circ$ and $129^\circ$
 $(7x - 3)^\circ$ and $(5x - 21)^\circ$	 $(19x - 2)^\circ$ and $(17x + 4)^\circ$	 $(5x - 11)^\circ$ and $(9x + 3)^\circ$	 $(7x + 4)^\circ$ and $(11x - 4)^\circ$
<b>End!</b>  $(5x + 17)^\circ$ and $(9x - 5)^\circ$	 $(7x - 6)^\circ$ and $(2x + 15)^\circ$	 $(10x + 4)^\circ$ and $(12x - 26)^\circ$	 $(7x + 10)^\circ$ and $(15x - 8)^\circ$