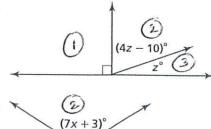
Find the values of the variables. Then find the measure of each labeled angle. Use algebraic equations.

 $(2x - 10)^{\circ}(2$ 

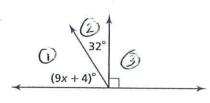
If you found the measure of an angle 2. using a theorem or definition, state it. (1) (2)  $(6y - 10)^{\circ}$  $(6y + 10)^{\circ}$ 

3.

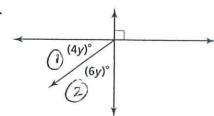


65°

4.



6.



Find the measure of each angle. Set  $UP + SOU^2$  an aigebraic 7.  $\angle A$  is three times as large as its supplement,  $\angle B$ .

- **8.**  $\angle A$  is one fourth as large as its supplement,  $\angle B$ .
- 9.  $\angle A$  is five times as large as its complement,  $\angle B$ .
- **10.**  $\angle A$  is one eighth as large as its complement,  $\angle B$ .