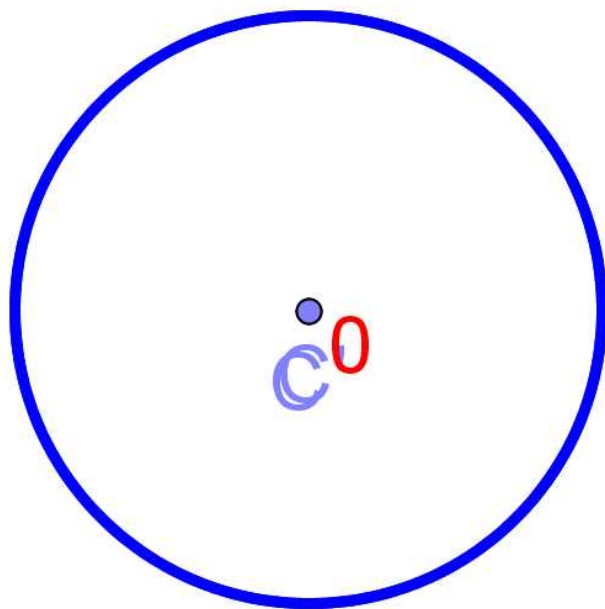


원의 위치관계

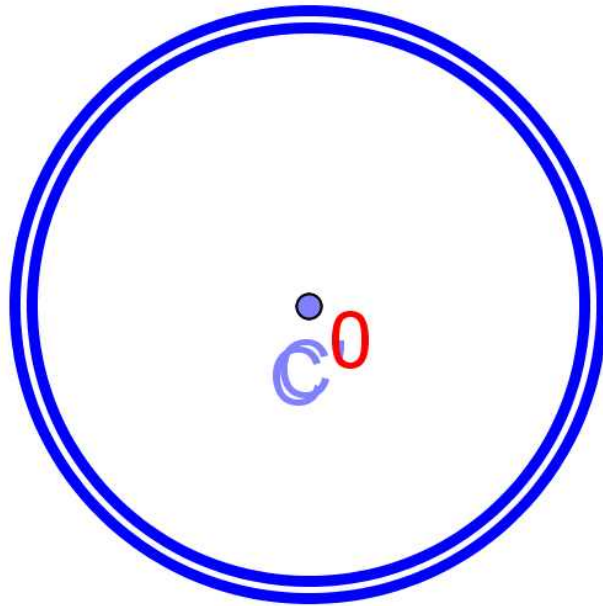

$$r_1 = 17 \quad r_2 = 17 \quad d = 0$$



$$17 + 17 = 34$$

$$|17 - 17| = 0$$

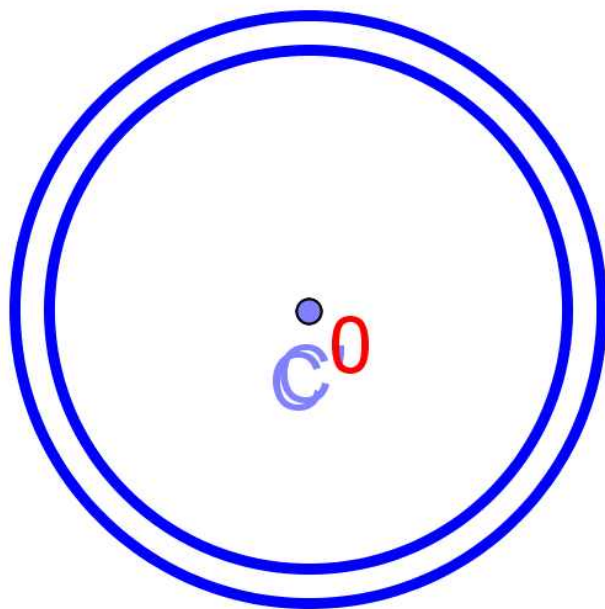
$$\overline{\quad\quad\quad}^{\bullet} \quad \overline{\quad\quad\quad}^{\bullet} \quad \overline{\quad\quad\quad\quad\quad\quad\quad\quad}^{\bullet}$$
$$r_1 = 16 \quad r_2 = 17 \quad d = 0$$



$$16 + 17 = 33$$

$$|16 - 17| = 1$$

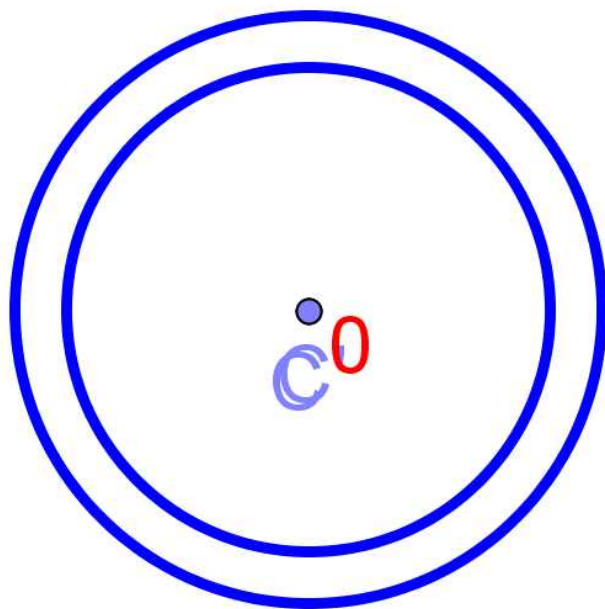

$$r_1 = 15 \quad r_2 = 17 \quad d = 0$$



$$15 + 17 = 32$$

$$|15 - 17| = 2$$


$$r_1 = 14 \quad r_2 = 17 \quad d = 0$$



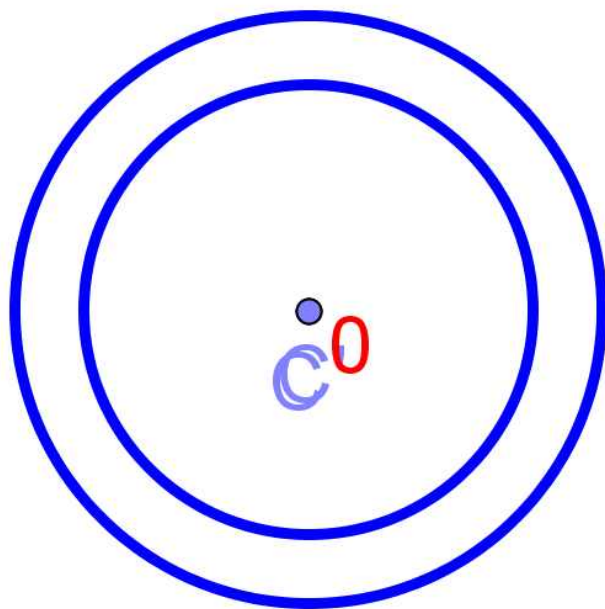
$$14 + 17 = 31$$

$$|14 - 17| = 3$$


$$r_1 = 13$$


$$r_2 = 17$$

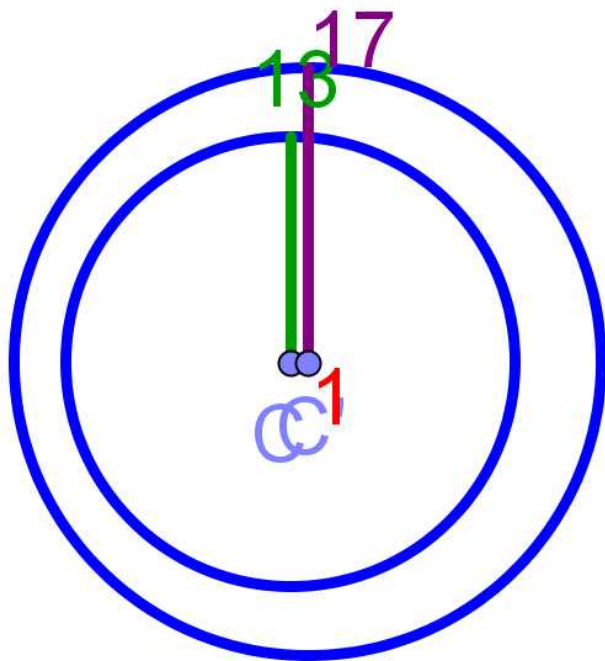

$$d = 0$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

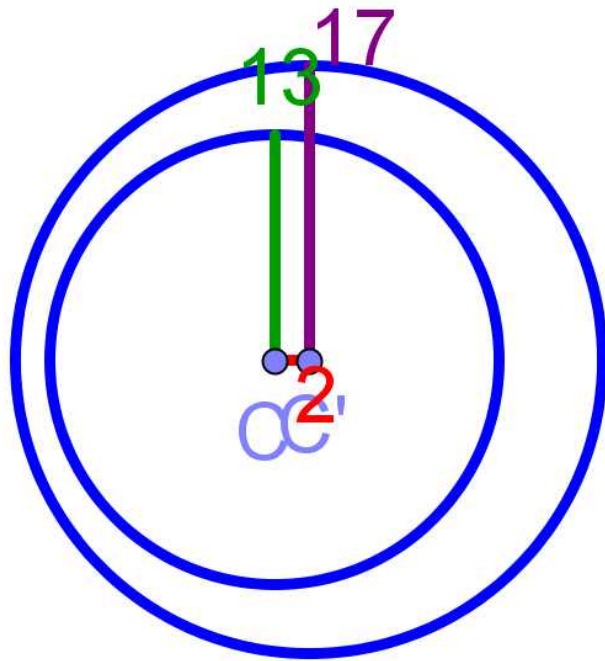
$r_1 = 13$ $r_2 = 17$ $d = 1$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

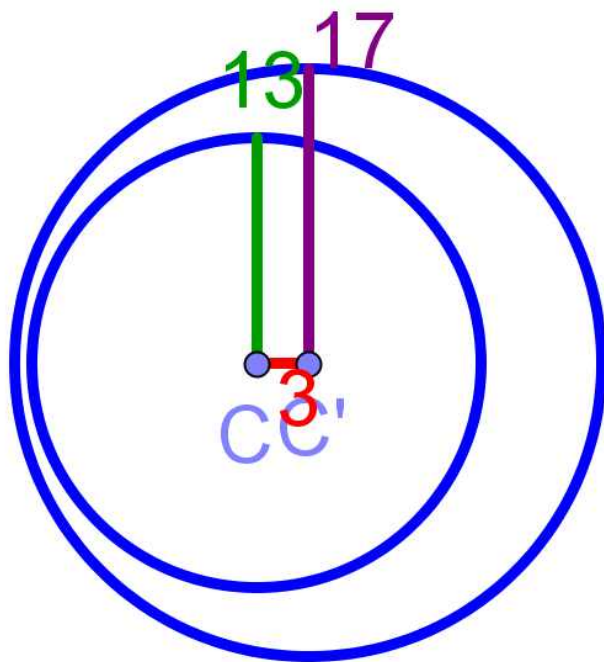
$r_1 = 13$ $r_2 = 17$ $d = 2$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

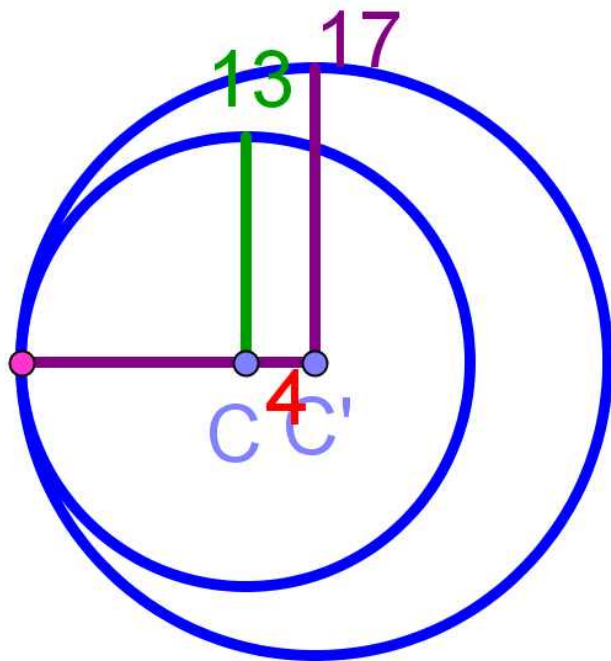
$$\begin{array}{ccc} \text{---} \bullet \text{---} & \text{---} \bullet \text{---} & \text{---} \bullet \text{---} \\ r_1 = 13 & r_2 = 17 & d = 3 \end{array}$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

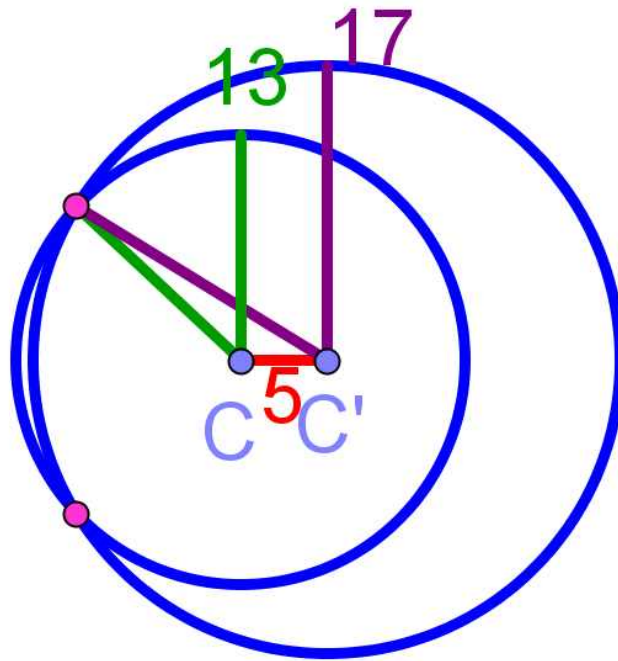
$$\begin{array}{ccc} \text{---} \bullet \text{---} & \text{---} \bullet \text{---} & \text{---} \bullet \text{---} \\ r_1 = 13 & r_2 = 17 & d = 4 \end{array}$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

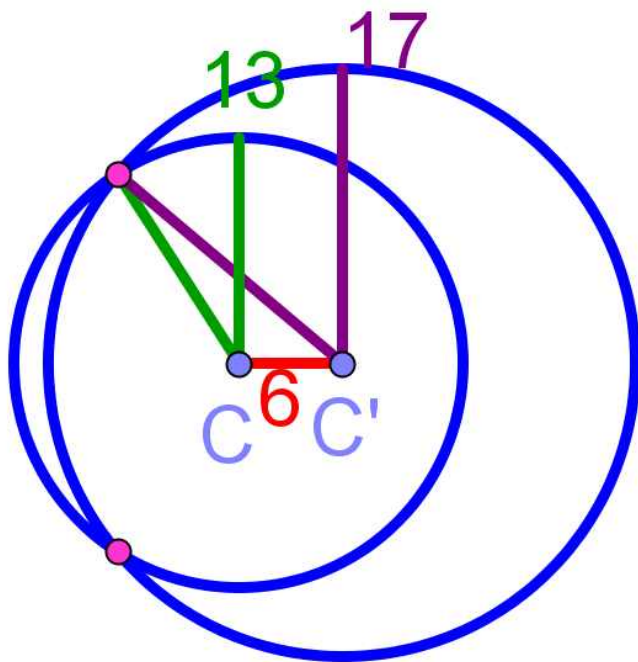
$$\begin{array}{ccc} \text{---} \bullet \text{---} & \text{---} \bullet \text{---} & \text{---} \bullet \text{---} \\ r_1 = 13 & r_2 = 17 & d = 5 \end{array}$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

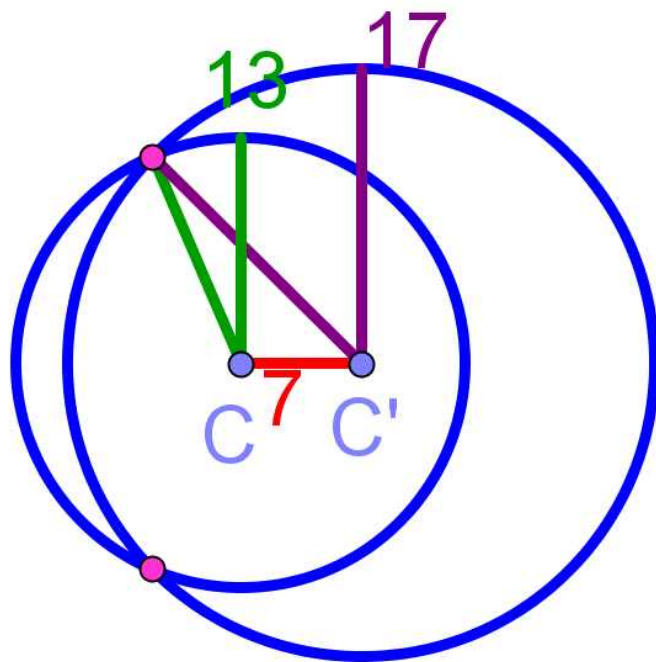
$$\begin{array}{ccc} \text{---} \bullet \text{---} & \text{---} \bullet \text{---} & \text{---} \bullet \text{---} \\ r_1 = 13 & r_2 = 17 & d = 6 \end{array}$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

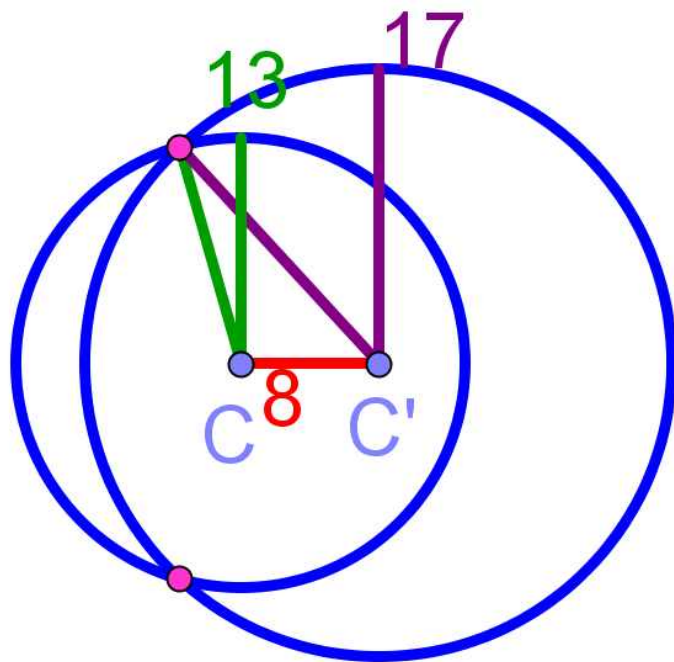
$r_1 = 13$ $r_2 = 17$ $d = 7$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

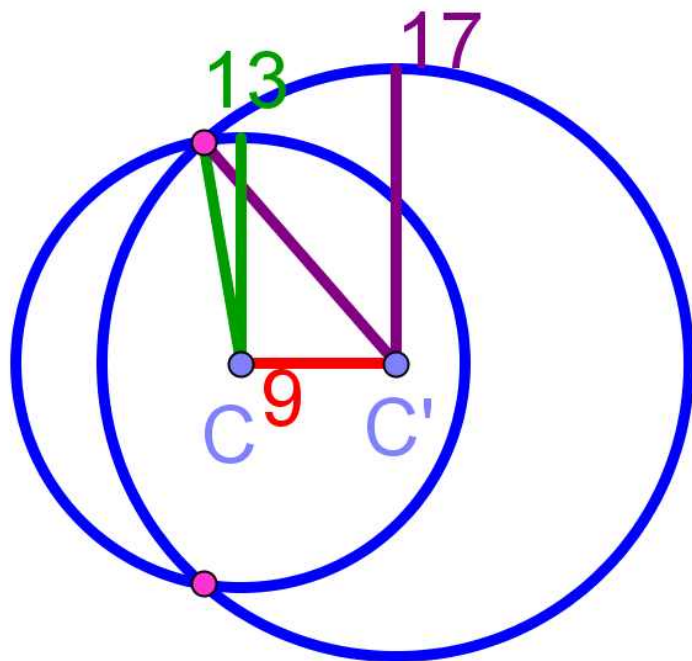
$$\begin{array}{ccc} \text{---} \bullet \text{---} & \text{---} \bullet \text{---} & \text{---} \bullet \text{---} \\ r_1 = 13 & r_2 = 17 & d = 8 \end{array}$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

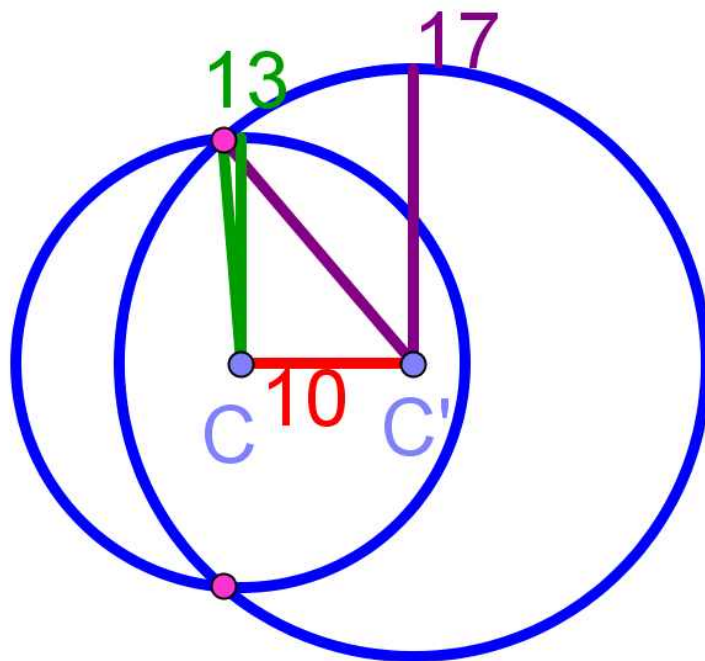
$r_1 = 13$ $r_2 = 17$ $d = 9$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

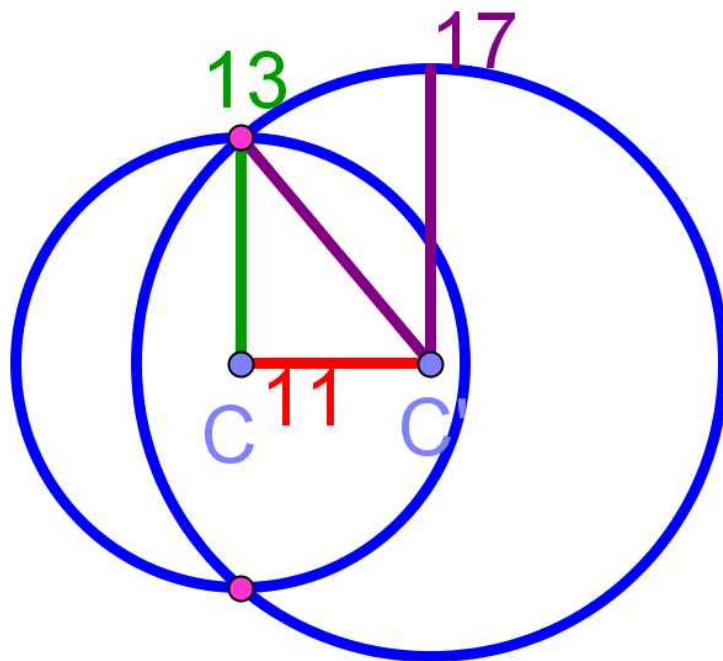
$$\begin{array}{ccc} \text{---} \bullet \text{---} & \text{---} \bullet \text{---} & \text{---} \bullet \text{---} \\ r_1 = 13 & r_2 = 17 & d = 10 \end{array}$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

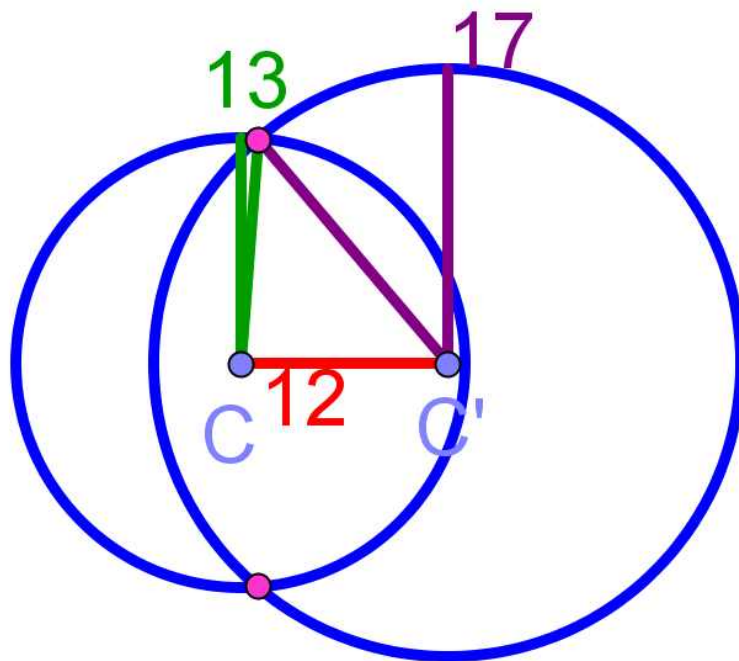
$$\begin{array}{ccc} \text{---} \bullet \text{---} & \text{---} \bullet \text{---} & \text{---} \bullet \text{---} \\ r_1 = 13 & r_2 = 17 & d = 11 \end{array}$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

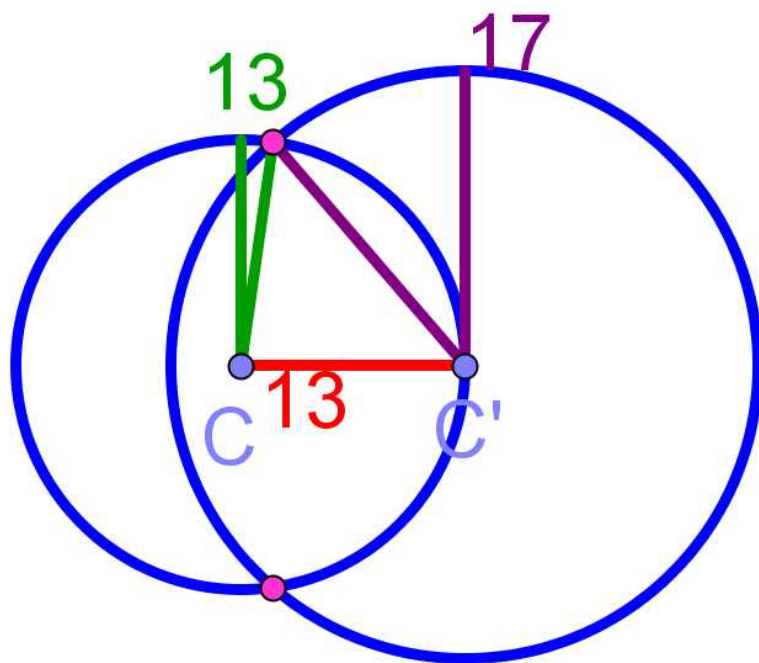
$$\begin{array}{ccc} \text{---} \bullet \text{---} & \text{---} \bullet \text{---} & \text{---} \bullet \text{---} \\ r_1 = 13 & r_2 = 17 & d = 12 \end{array}$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

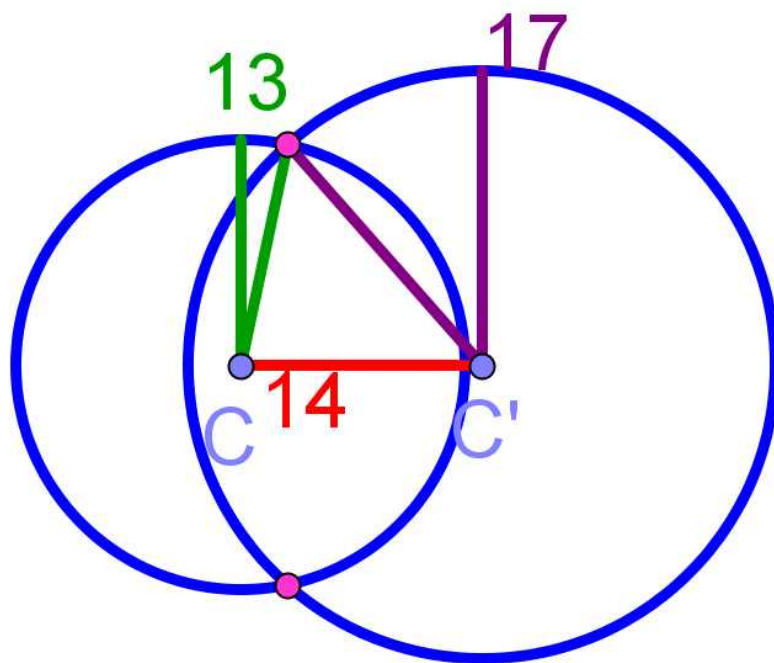
$$\begin{array}{ccc} \text{---} \bullet \text{---} & \text{---} \bullet \text{---} & \text{---} \bullet \text{---} \\ r_1 = 13 & r_2 = 17 & d = 13 \end{array}$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

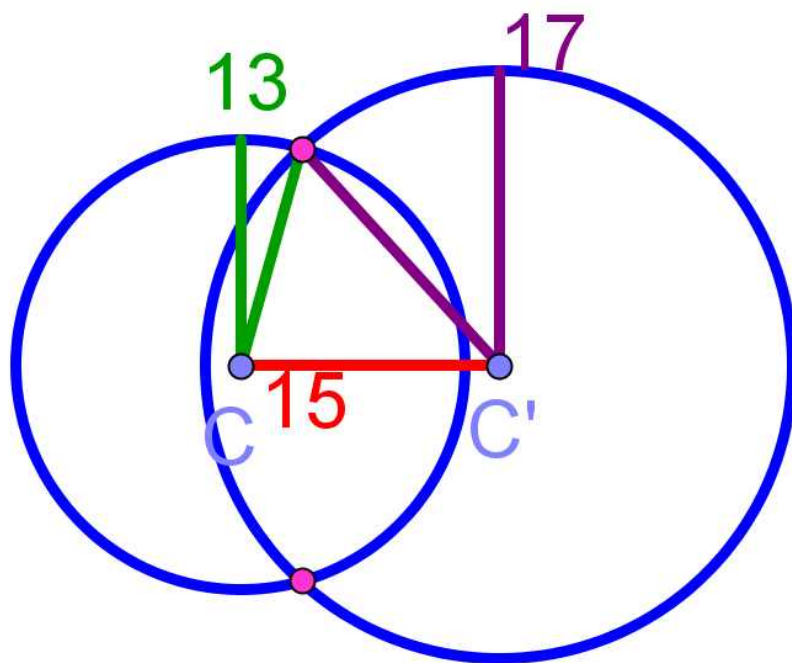
$$\begin{array}{ccc} \text{---} \bullet \text{---} & \text{---} \bullet \text{---} & \text{---} \bullet \text{---} \\ r_1 = 13 & r_2 = 17 & d = 14 \end{array}$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$

$$\begin{array}{ccc} \text{---} \bullet \text{---} & \text{---} \bullet \text{---} & \text{---} \bullet \text{---} \\ r_1 = 13 & r_2 = 17 & d = 15 \end{array}$$



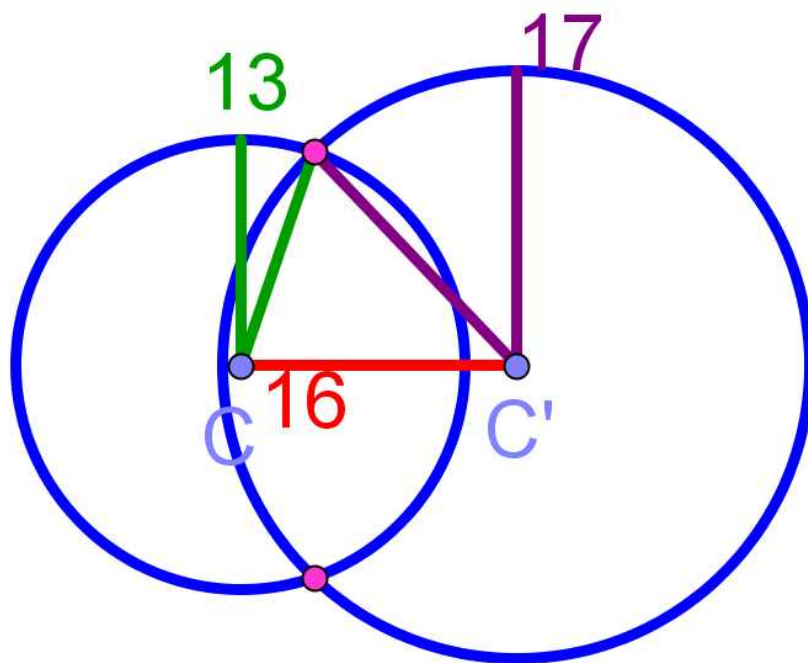
$$13 + 17 = 30$$

$$|13 - 17| = 4$$

$$r_1 = 13$$

$$r_2 = 17$$

$$d = 16$$



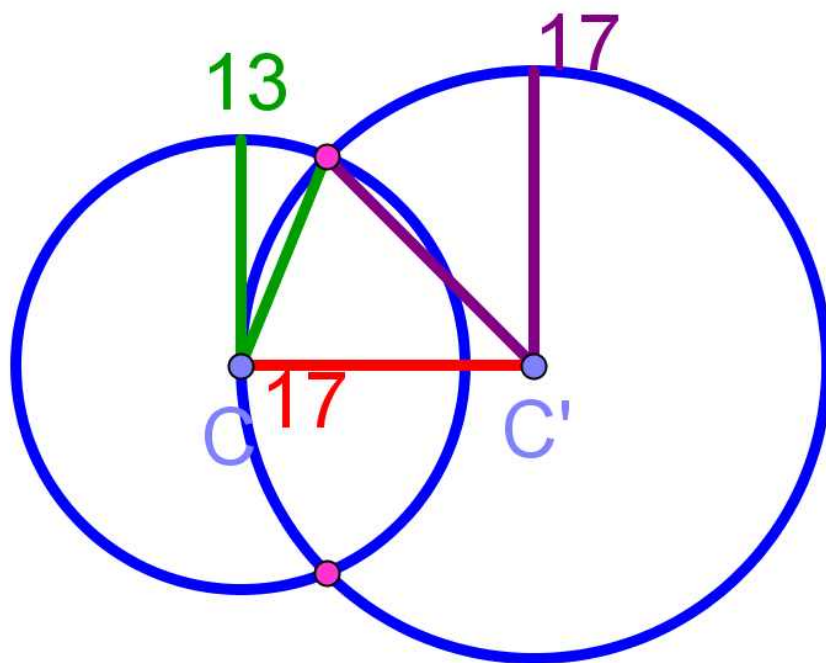
$$13 + 17 = 30$$

$$|13 - 17| = 4$$

$$r_1 = 13$$

$$r_2 = 17$$

$$d = 17$$



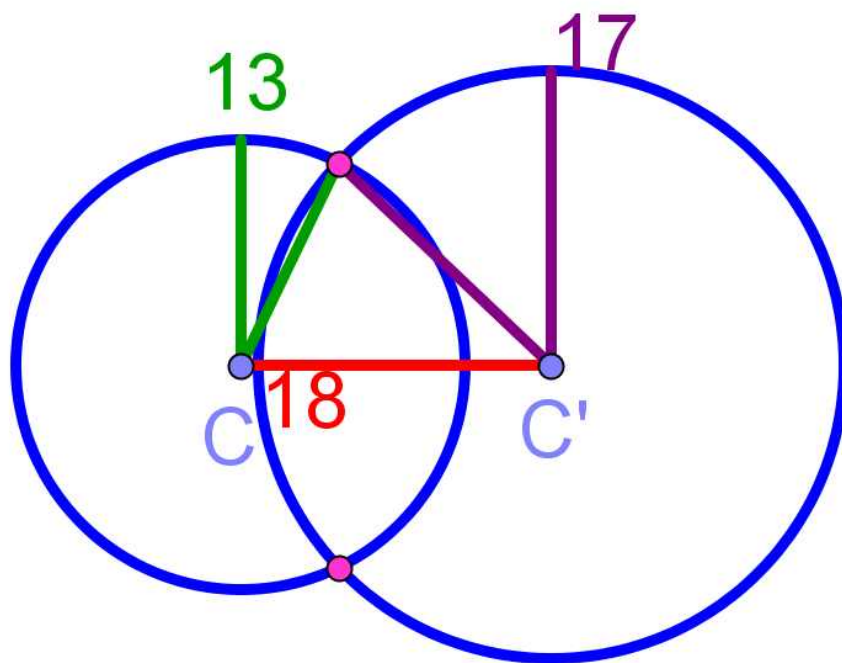
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 18$$



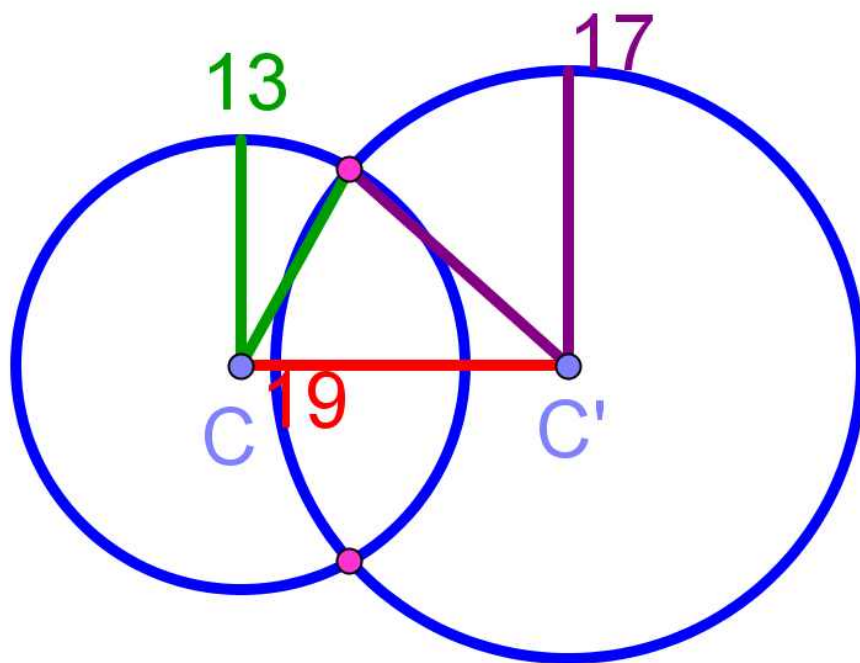
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 19$$



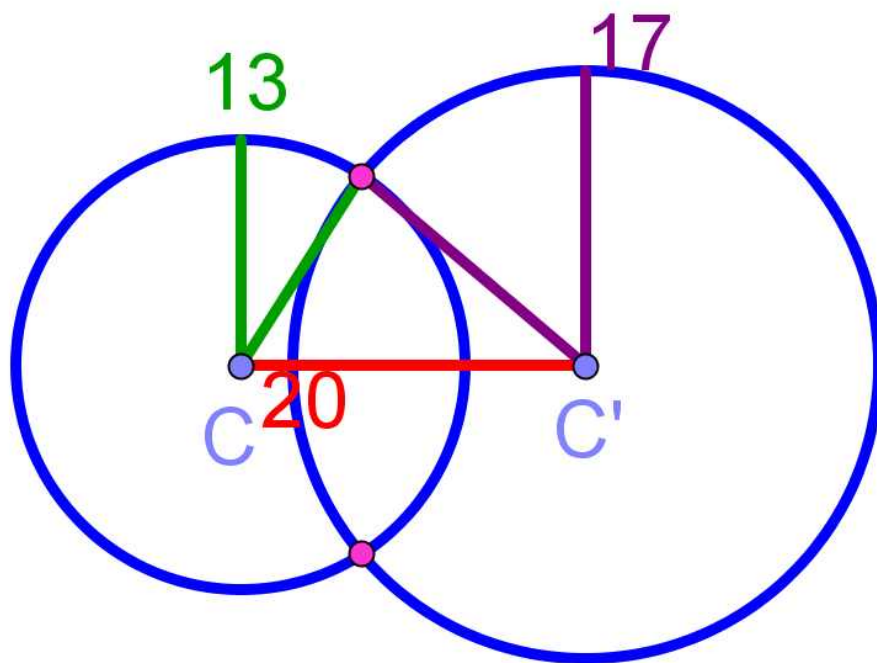
$$13 + 17 = 30$$

$$|13 - 17| = 4$$

$$r_1 = 13$$

$$r_2 = 17$$

$$d = 20$$



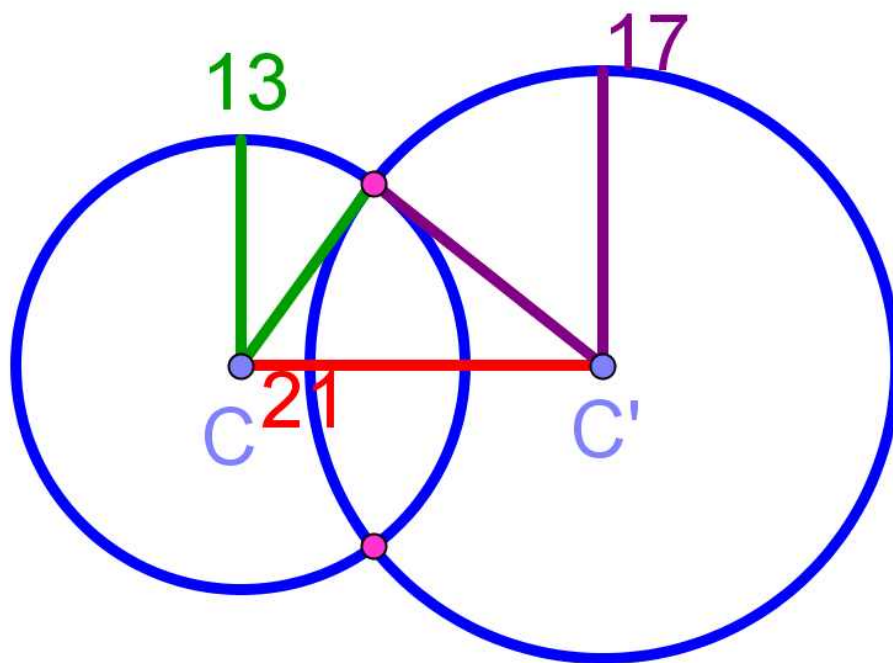
$$13 + 17 = 30$$

$$|13 - 17| = 4$$

$$r_1 = 13$$

$$r_2 = 17$$

$$d = 21$$



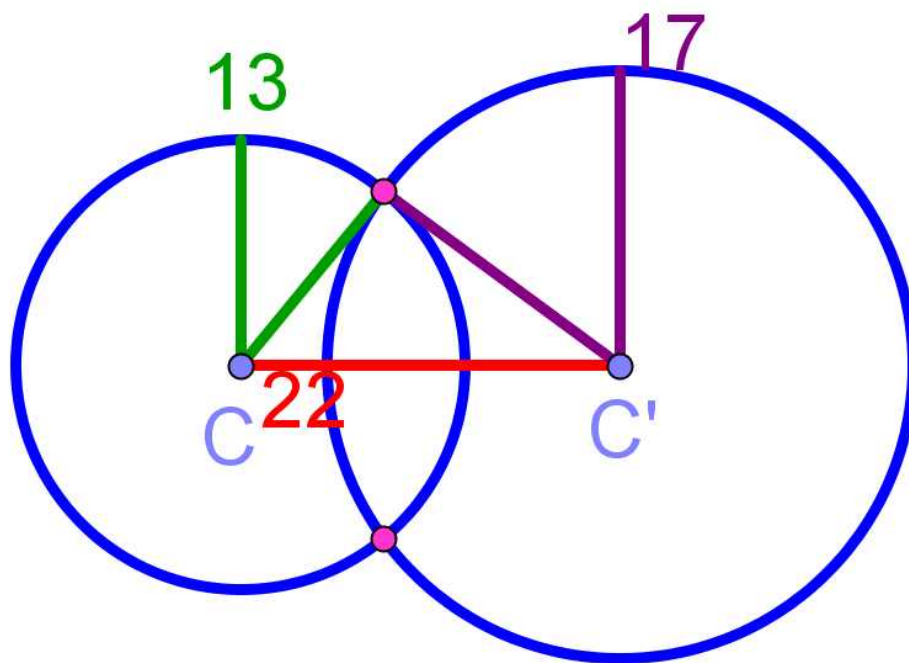
$$13 + 17 = 30$$

$$|13 - 17| = 4$$

$$r_1 = 13$$

$$r_2 = 17$$

$$d = 22$$



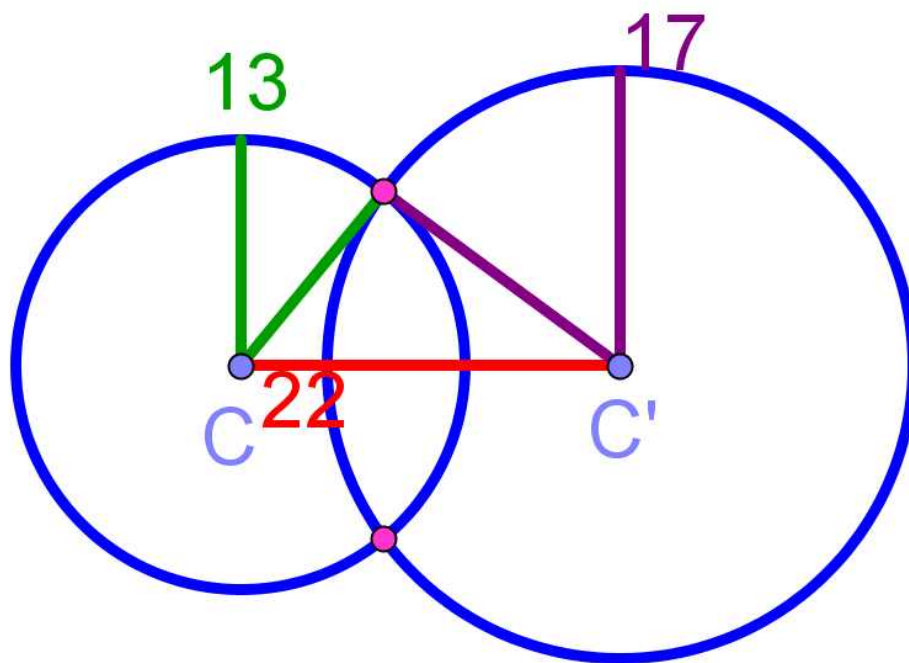
$$13 + 17 = 30$$

$$|13 - 17| = 4$$

$$r_1 = 13$$

$$r_2 = 17$$

$$d = 22$$



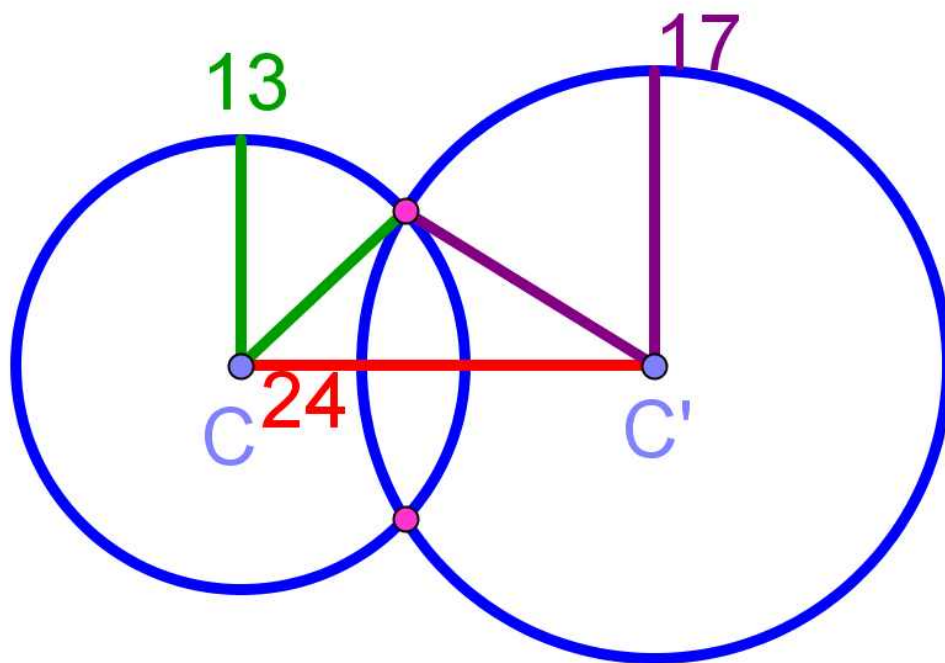
$$13 + 17 = 30$$

$$|13 - 17| = 4$$

$$r_1 = 13$$

$$r_2 = 17$$

$$d = 24$$



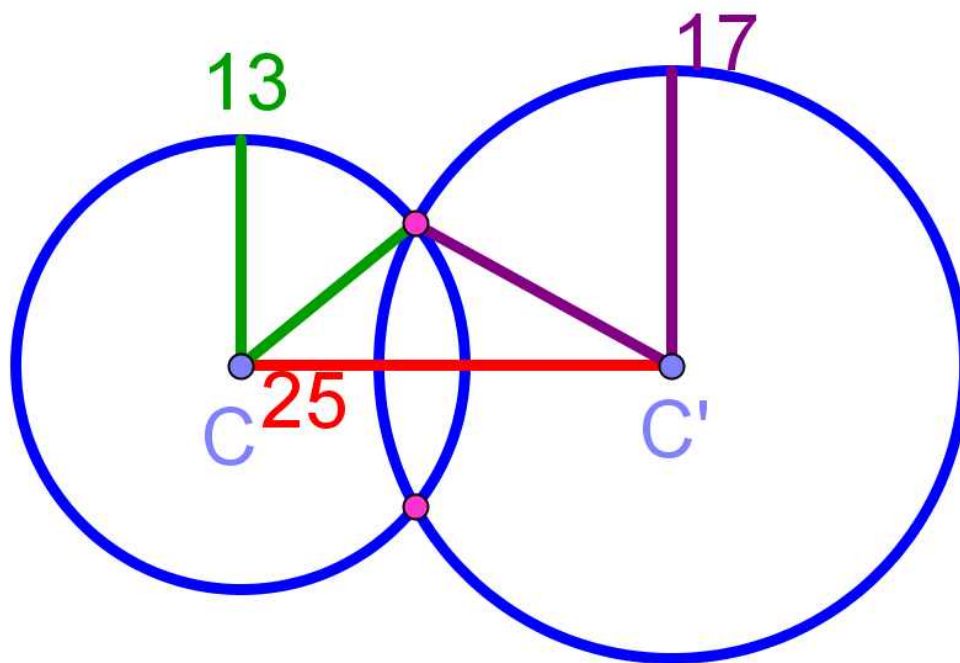
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 25$$



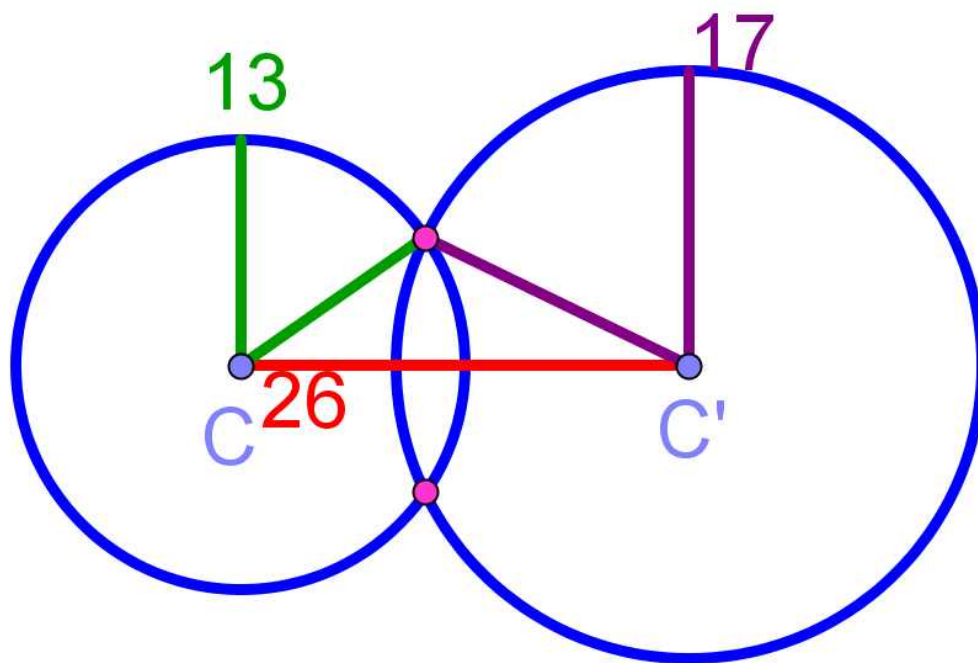
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 26$$



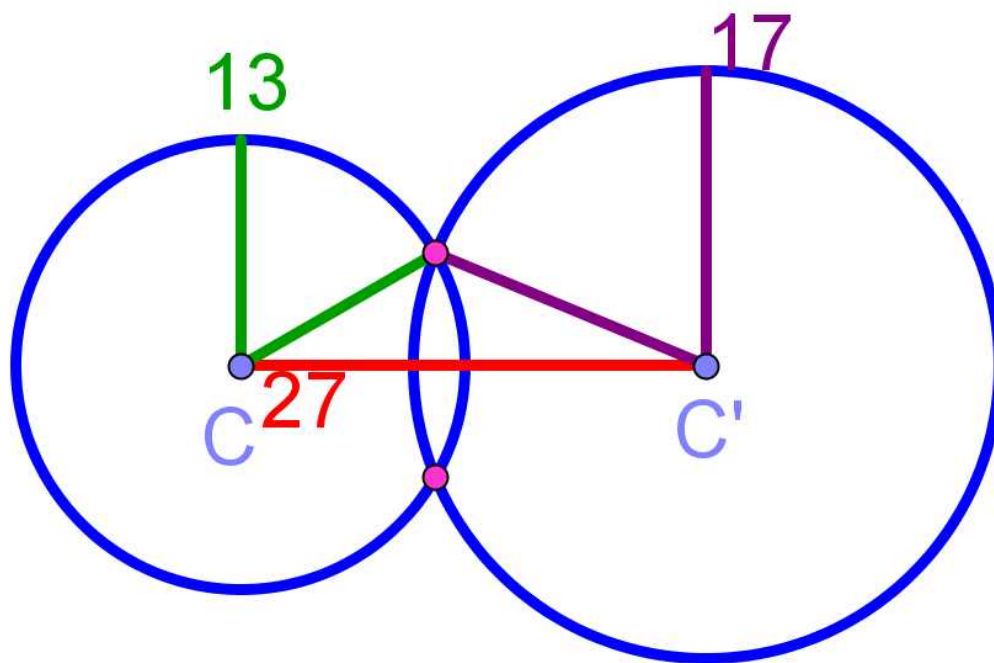
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 27$$



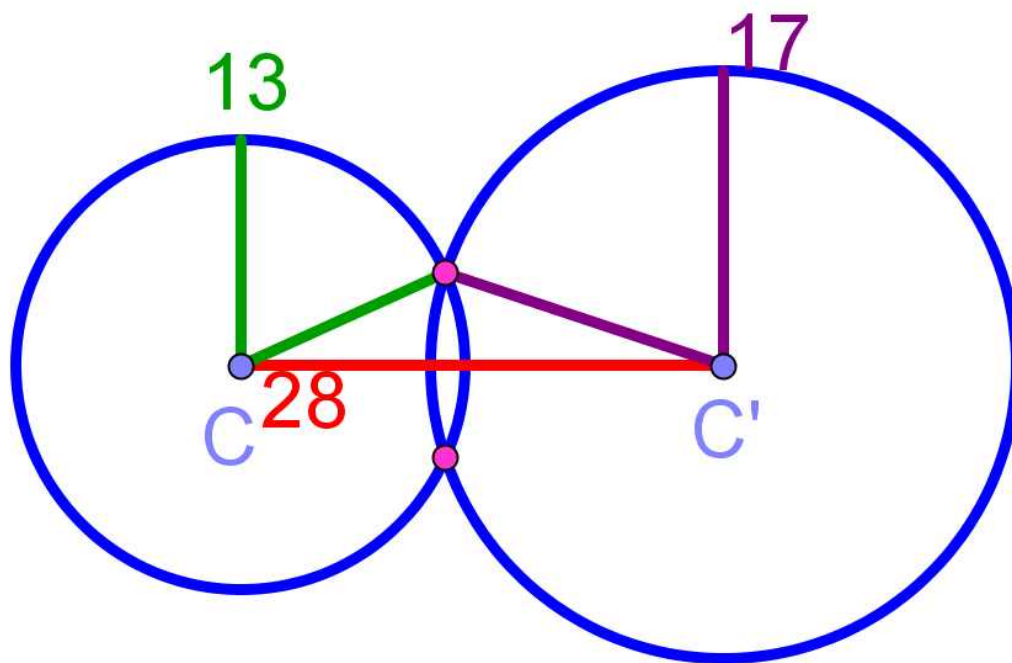
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 28$$



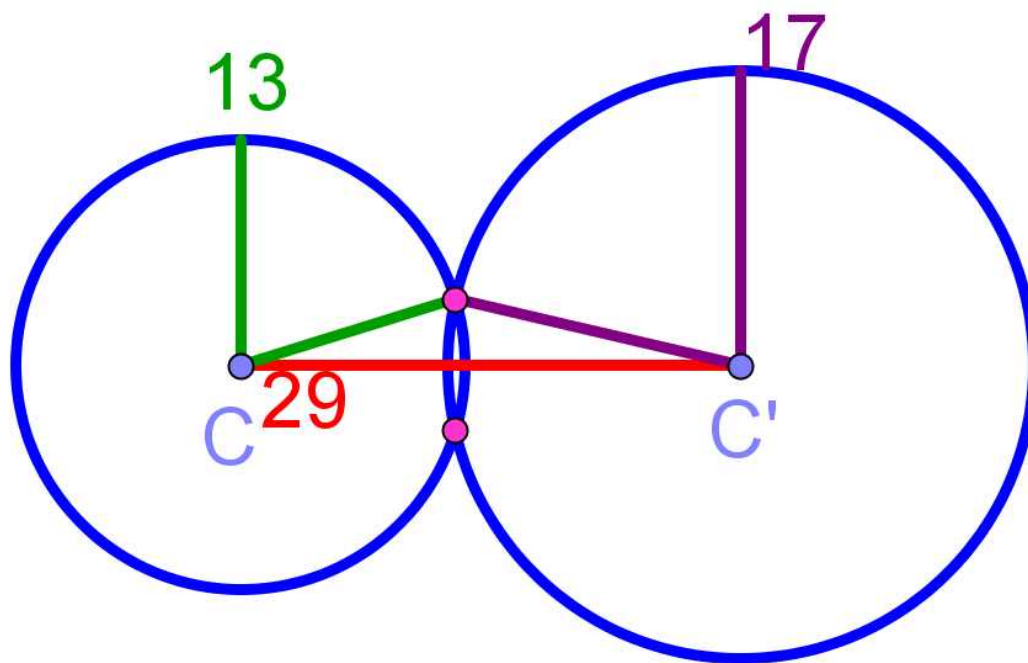
$$13 + 17 = 30$$

$$|13 - 17| = 4$$

$$r_1 = 13$$

$$r_2 = 17$$

$$d = 29$$



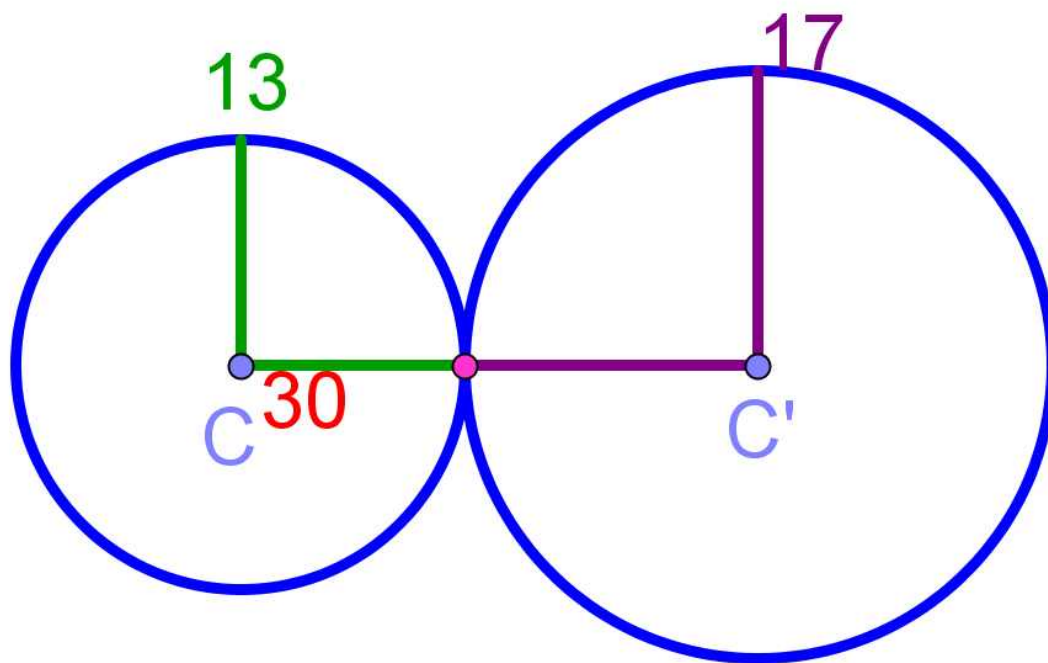
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 30$$



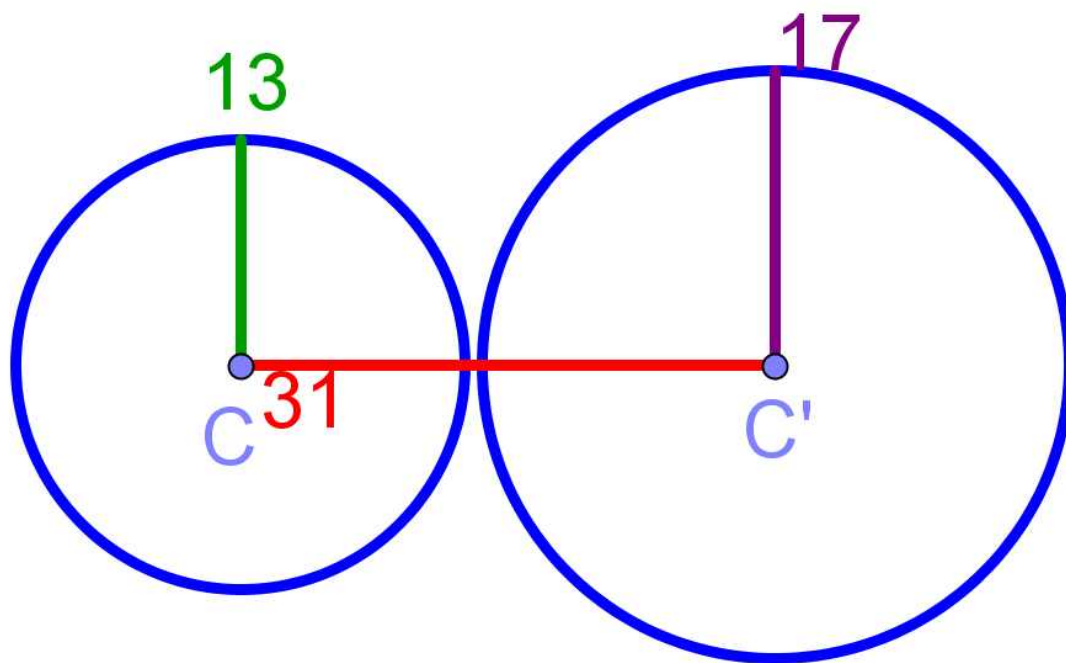
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 31$$



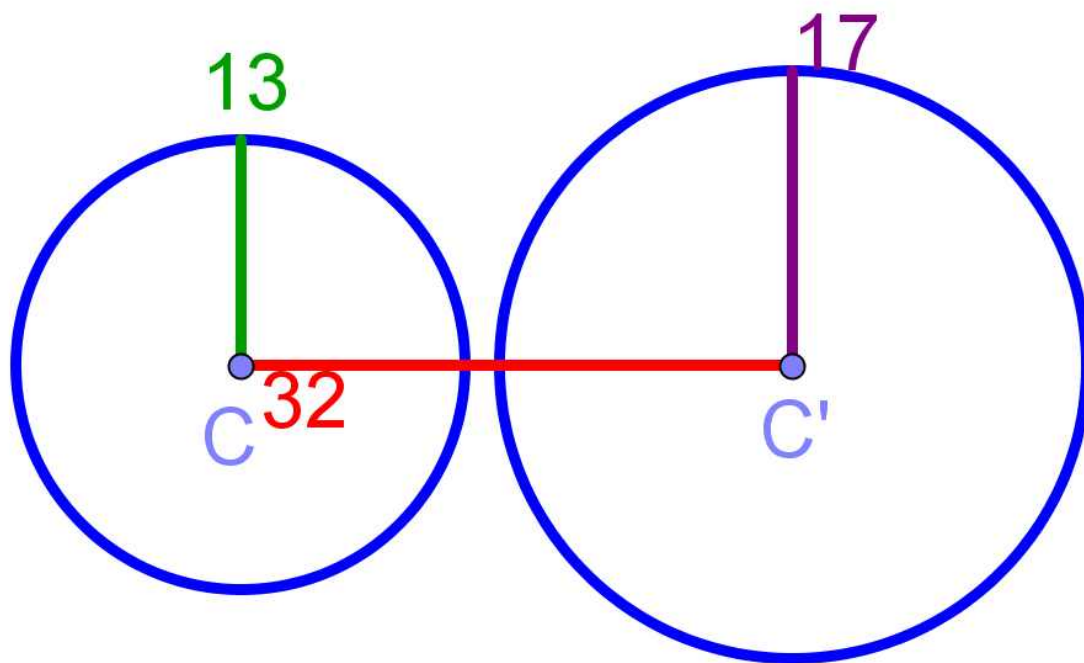
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 32$$



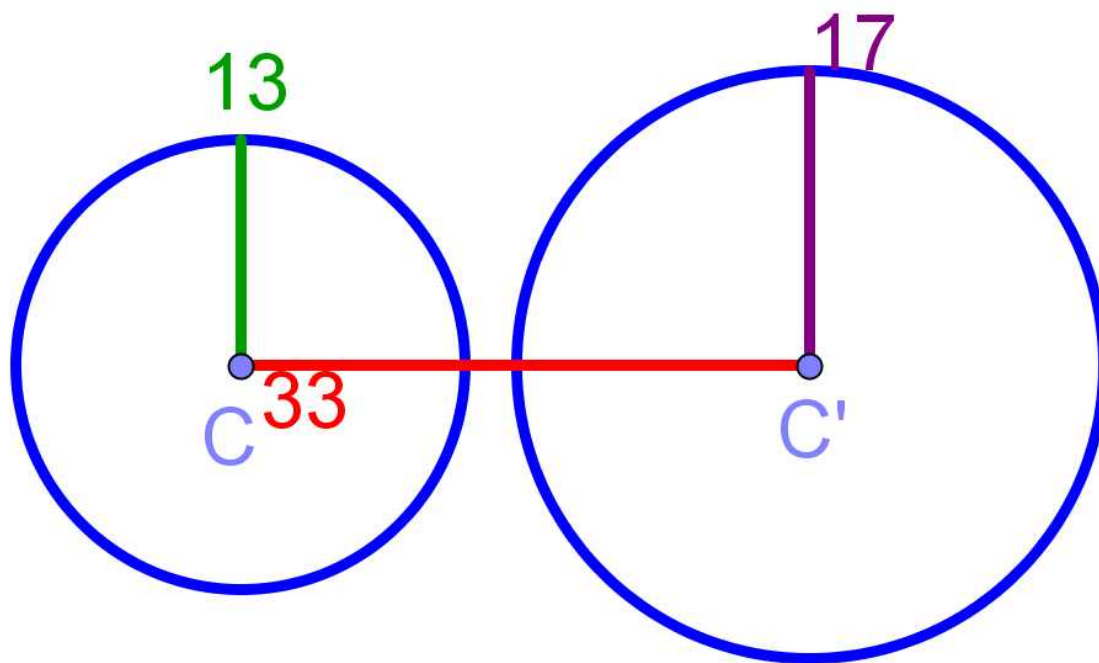
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 33$$



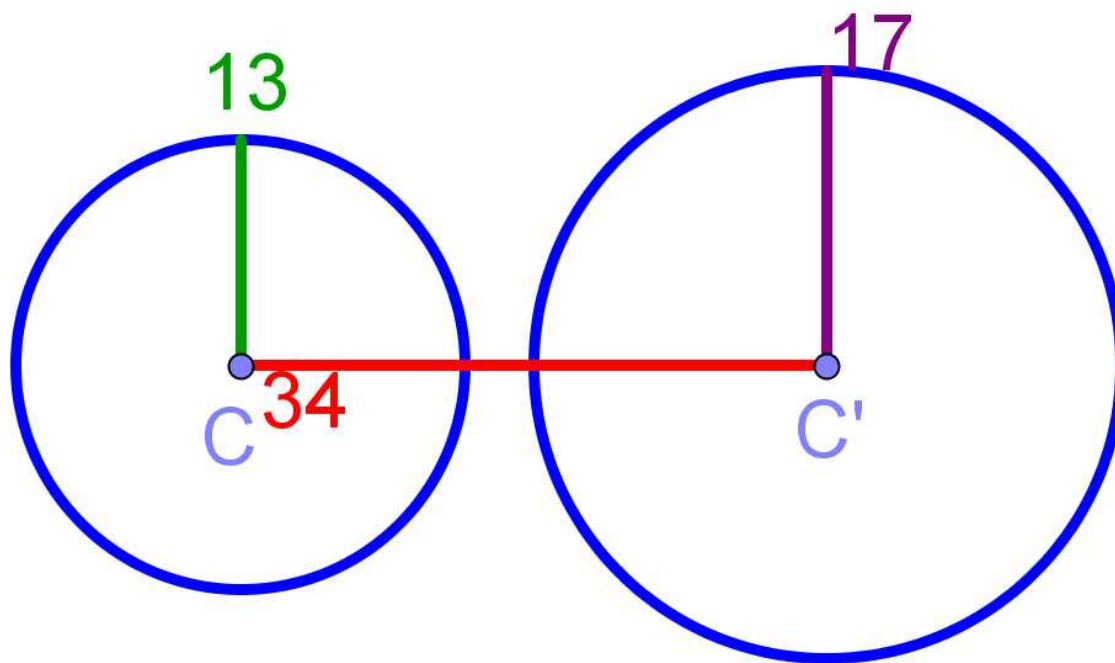
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 34$$



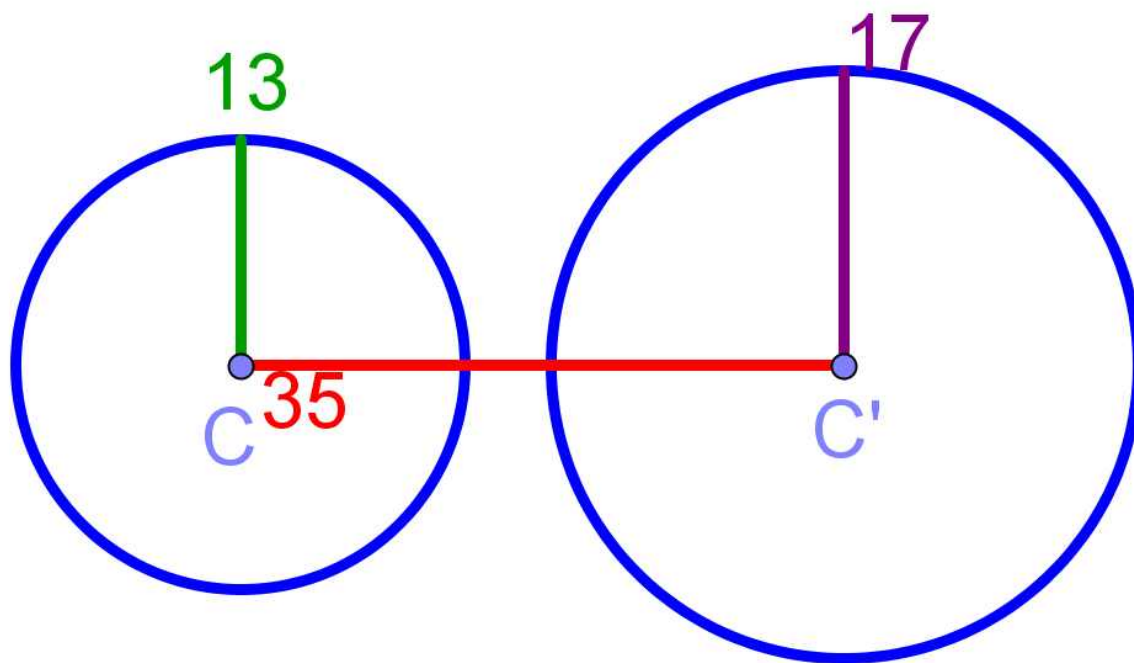
$$13 + 17 = 30$$

$$|13 - 17| = 4$$


$$r_1 = 13$$


$$r_2 = 17$$


$$d = 35$$



$$13 + 17 = 30$$

$$|13 - 17| = 4$$