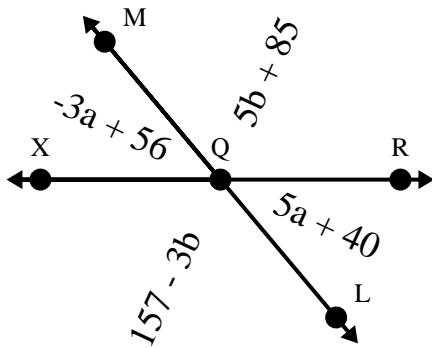


## Finding Variable Value by Balancing Equations

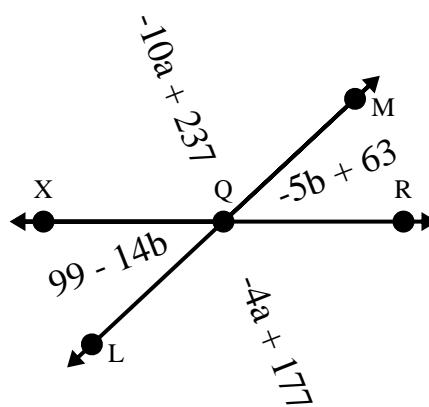
Name: \_\_\_\_\_

Find the value of 'a' and 'b'. Angle XQR is  $180^\circ$ .

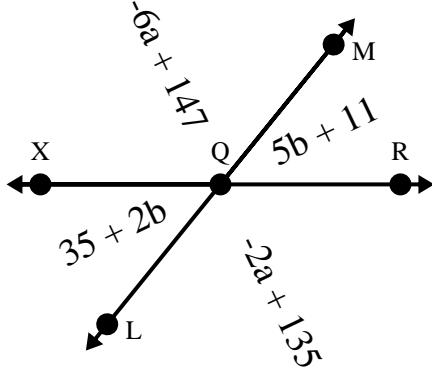
1)



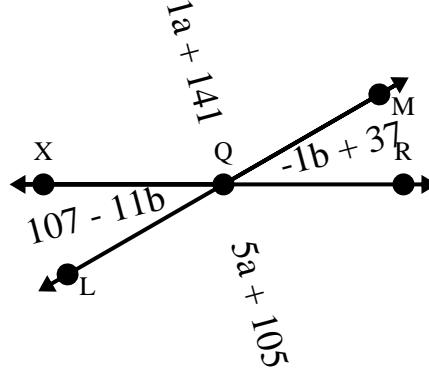
2)



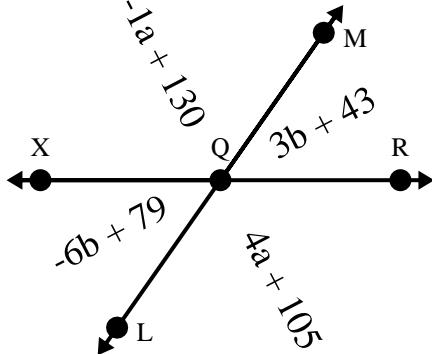
3)



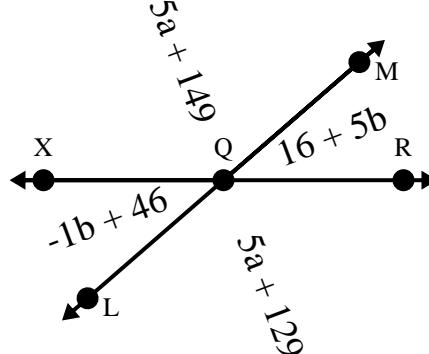
4)



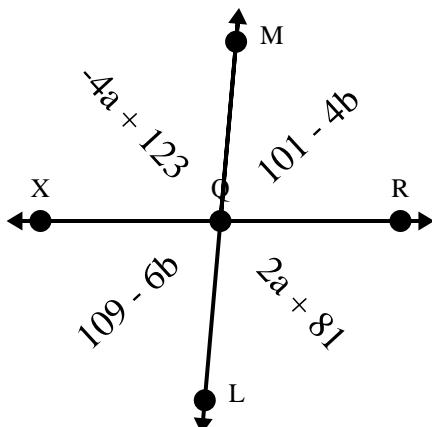
5)



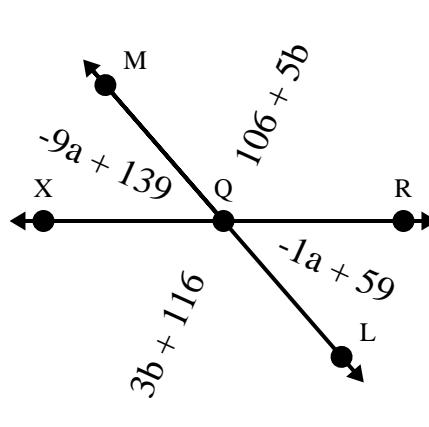
6)



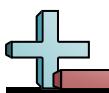
7)



8)

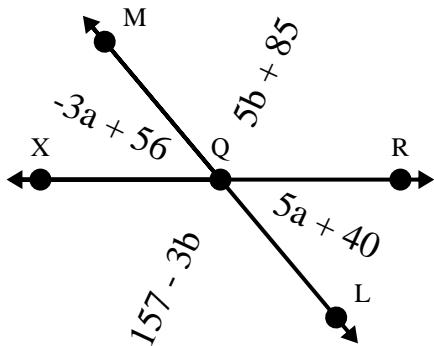
**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

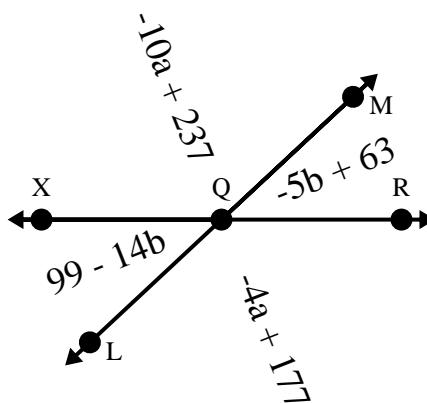


Find the value of 'a' and 'b'. Angle XQR is  $180^\circ$ .

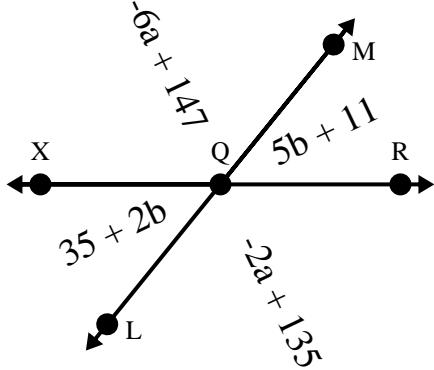
1)



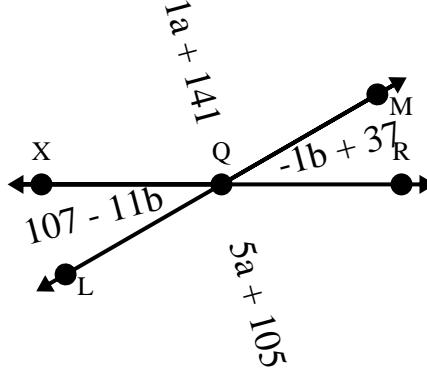
2)



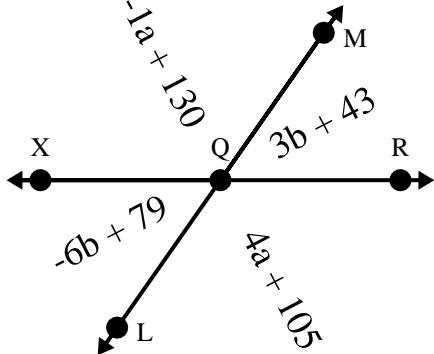
3)



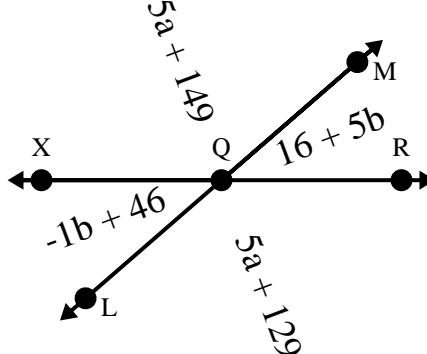
4)



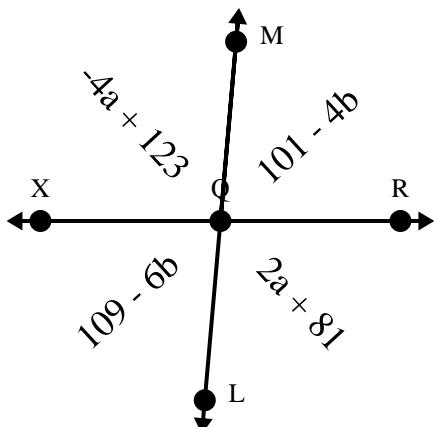
5)



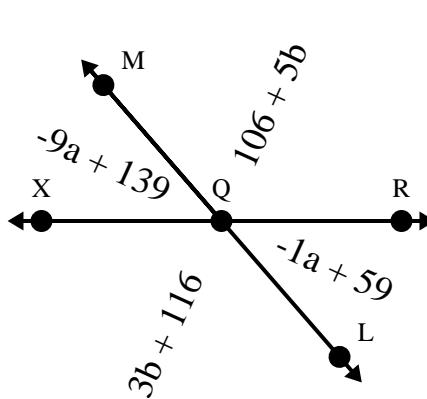
6)



7)



8)

**Answers**

- |    |           |          |
|----|-----------|----------|
| 1. | <b>2</b>  | <b>9</b> |
| 2. | <b>10</b> | <b>4</b> |
| 3. | <b>3</b>  | <b>8</b> |
| 4. | <b>9</b>  | <b>7</b> |
| 5. | <b>5</b>  | <b>4</b> |
| 6. | <b>2</b>  | <b>5</b> |
| 7. | <b>7</b>  | <b>4</b> |
| 8. | <b>10</b> | <b>5</b> |