

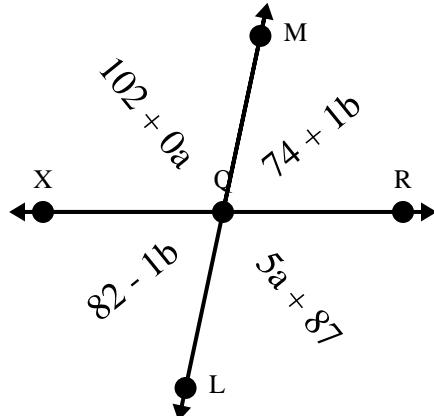


## Finding Variable Value by Balancing Equations

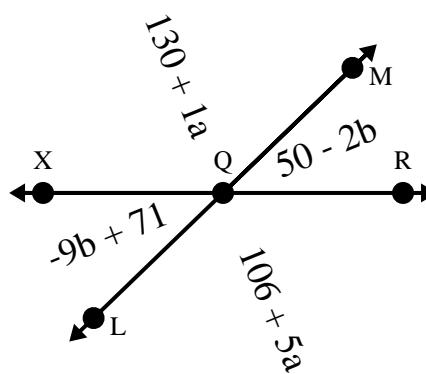
Name: \_\_\_\_\_

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

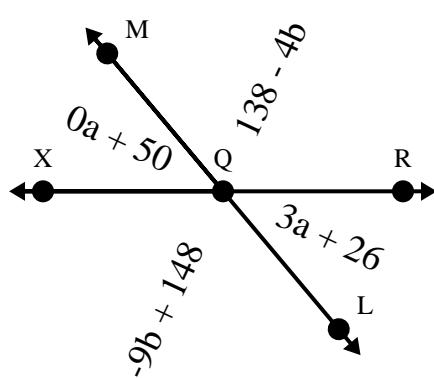
1)



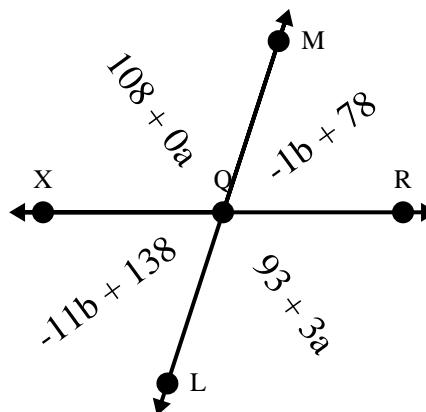
2)



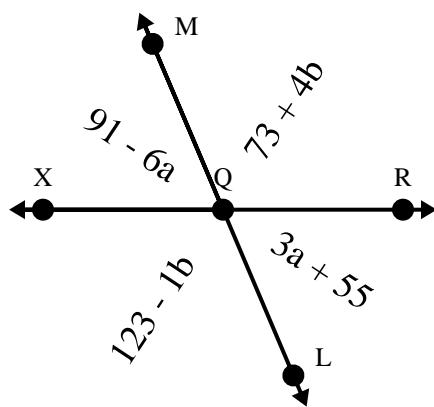
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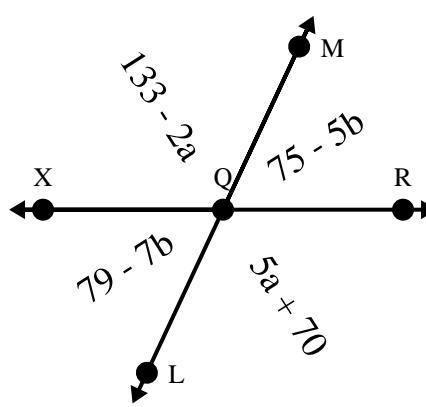
4)



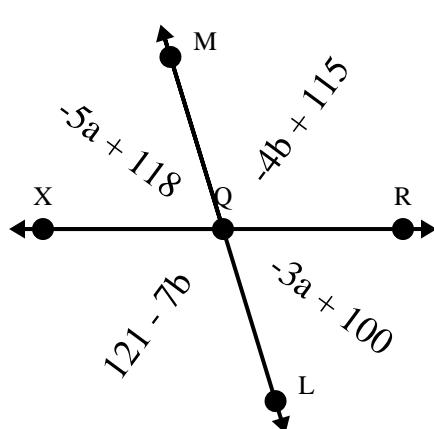
5)



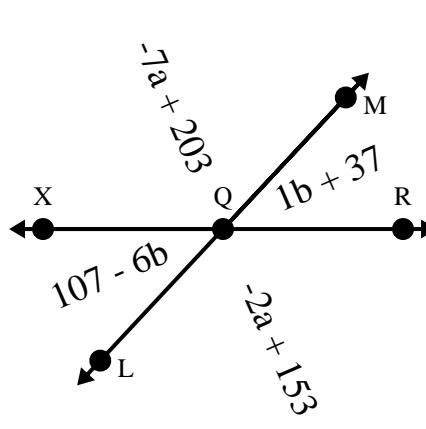
6)



7)



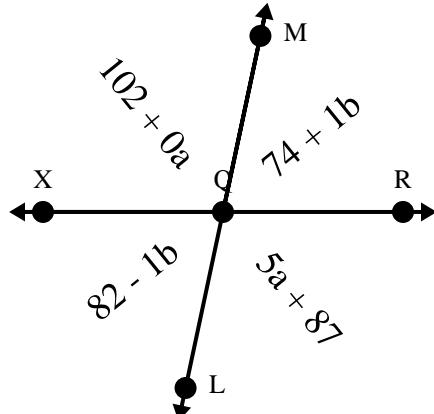
8)

Answers

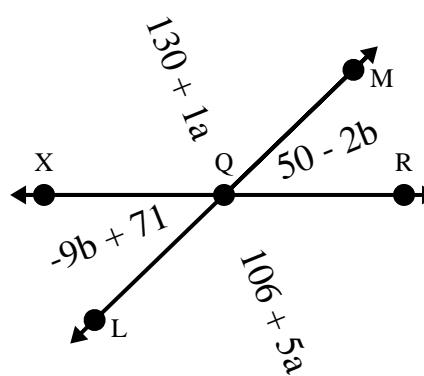
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

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

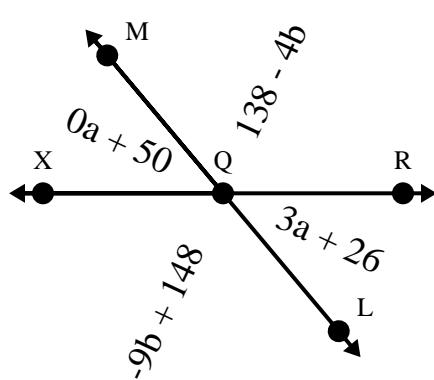
1)



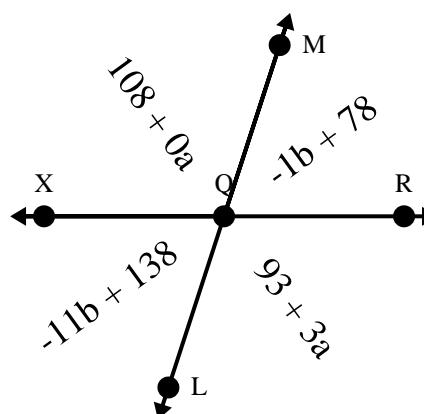
2)



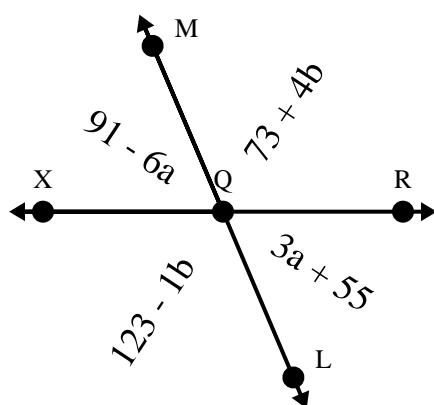
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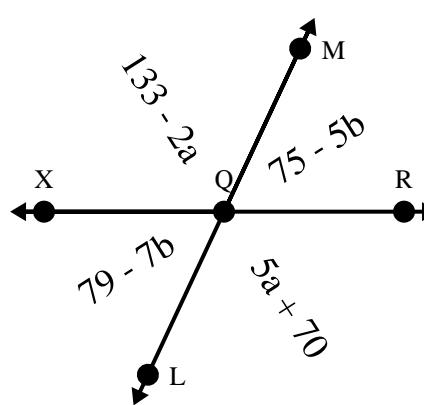
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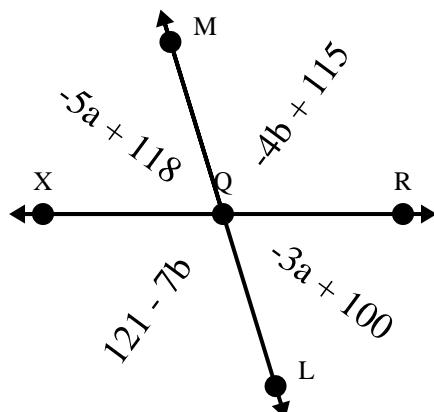
5)



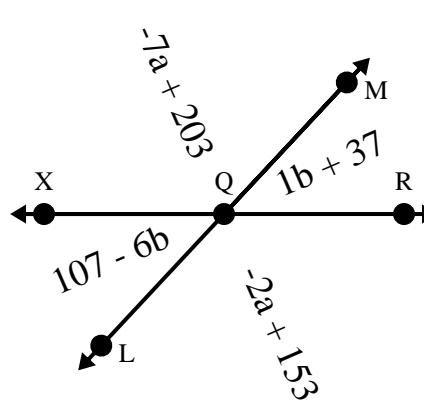
6)



7)



8)

**Answers**

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