

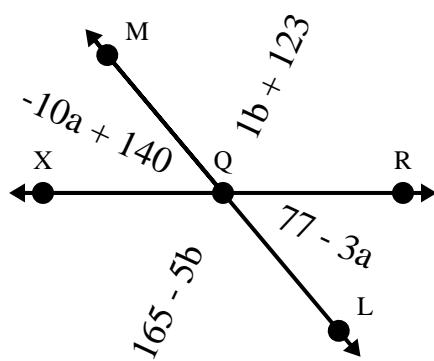


## Finding Variable Value by Balancing Equations

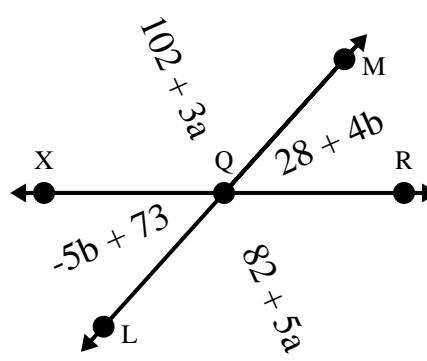
Name: \_\_\_\_\_

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

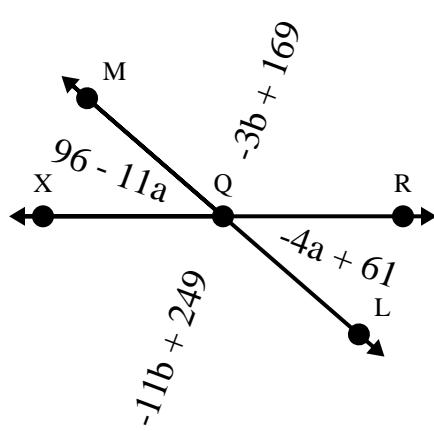
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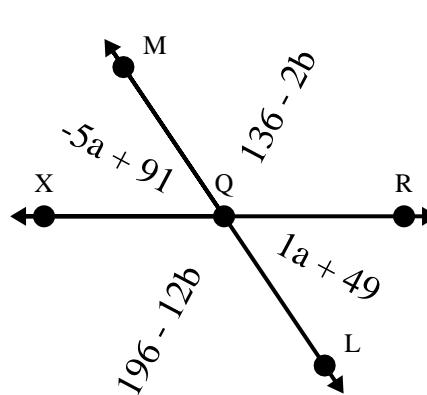
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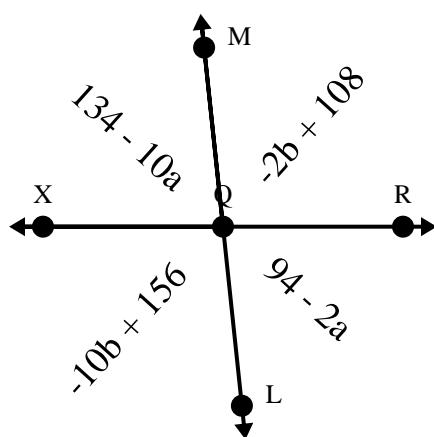
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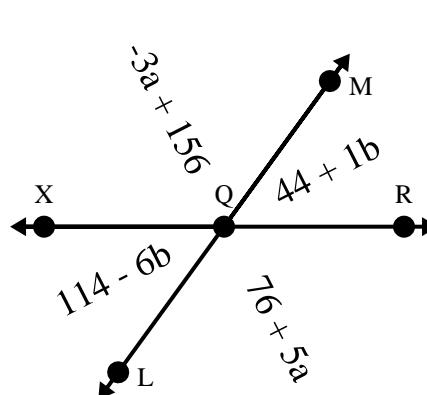
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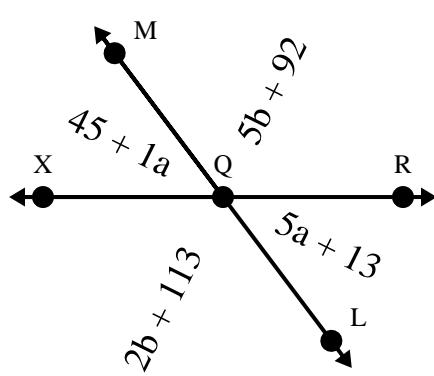
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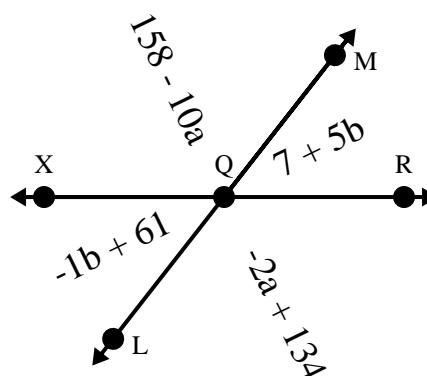
6)



7)



8)



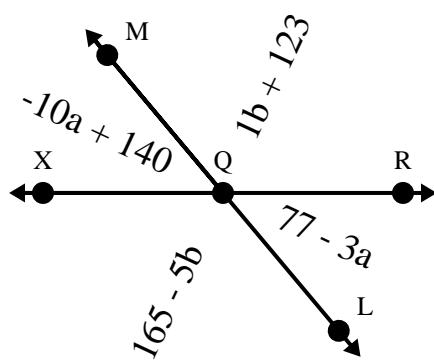
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_  
6. \_\_\_\_\_  
7. \_\_\_\_\_  
8. \_\_\_\_\_



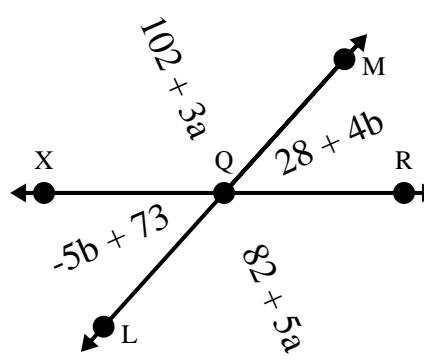
## Finding Variable Value by Balancing Equations

Name: **Answer Key**Find the value of 'a' and 'b'. Angle XQR is  $180^\circ$ .

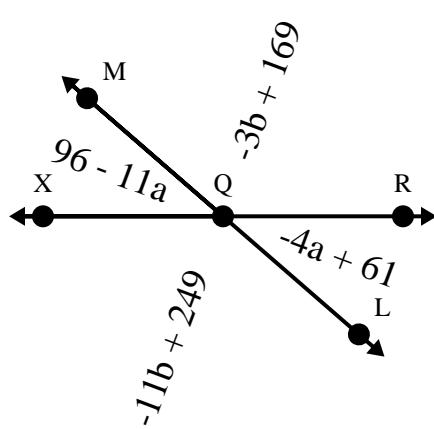
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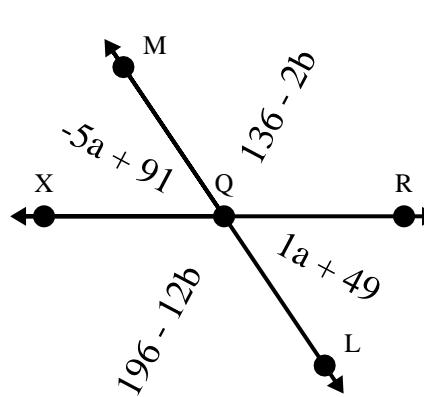
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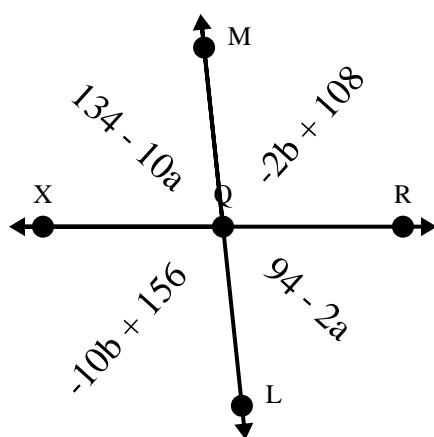
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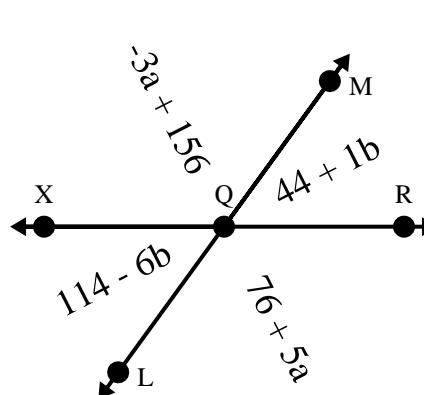
4)



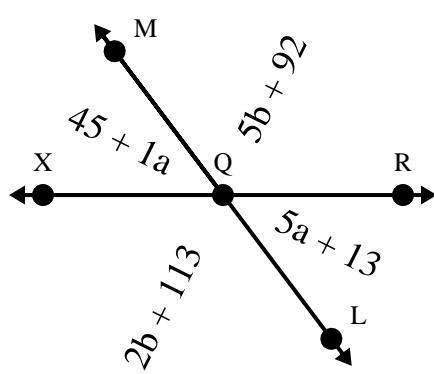
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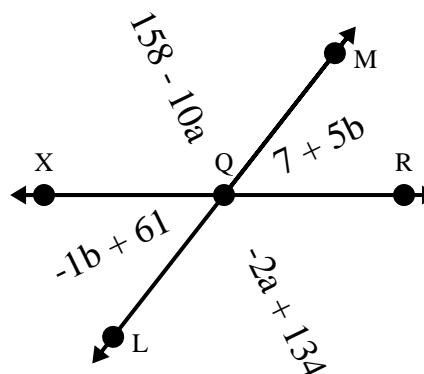
6)



7)



8)

**Answers**

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