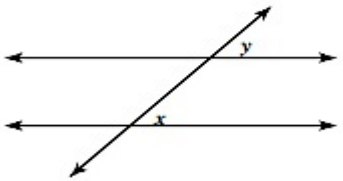
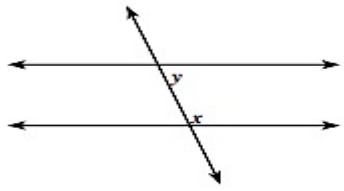
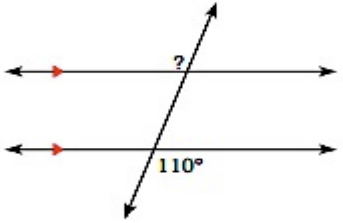
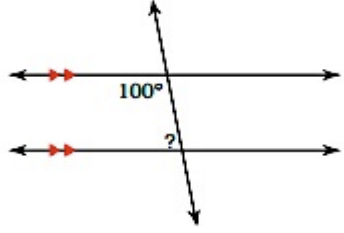
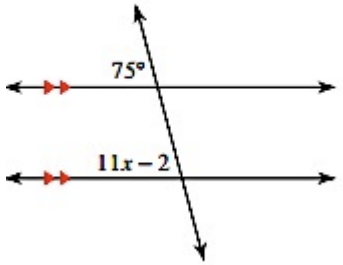
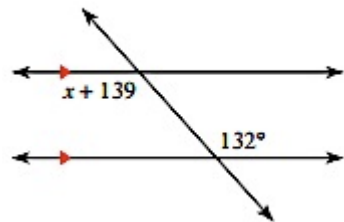
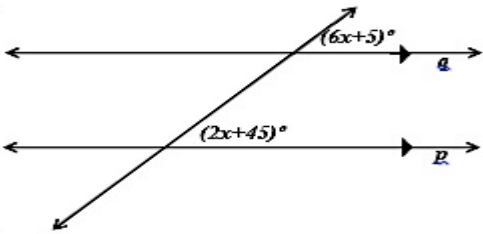
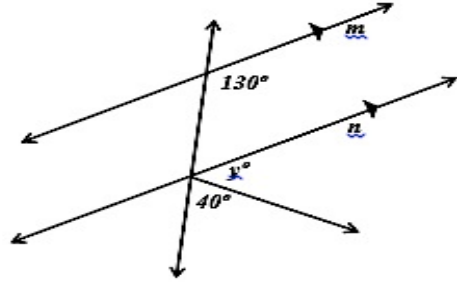


Homework 2.2 Parallel Lines & Transversals

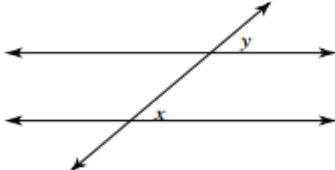
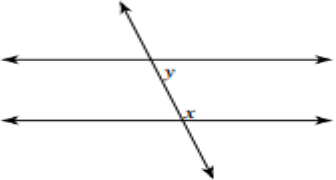
Identify each pair of angles as corresponding, alternate interior, alternate exterior, or consecutive interior.

<p>1.</p>  <div style="border: 1px solid black; height: 25px; width: 260px; margin-top: 20px;"></div>	<p>2.</p>  <div style="border: 1px solid black; height: 25px; width: 260px; margin-top: 20px;"></div>
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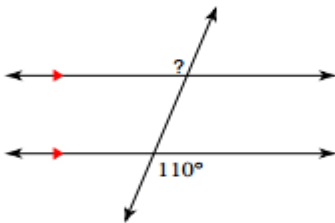
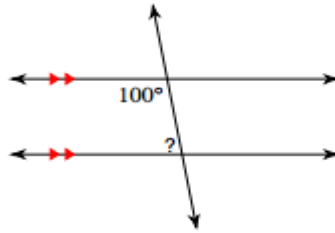
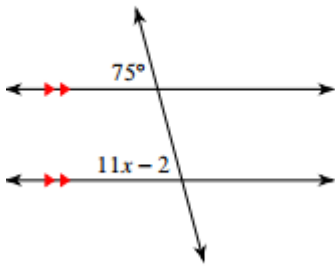
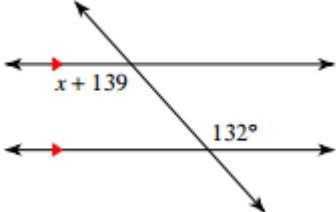
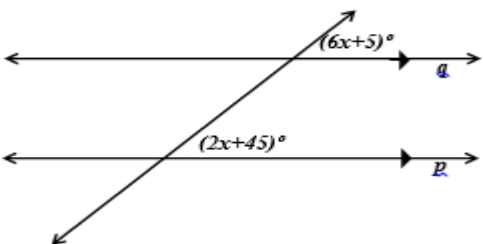
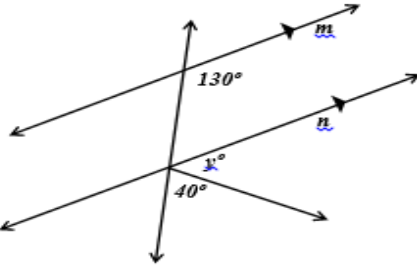
Find the measure of each angle indicated.

<p>3.</p>  <div style="border: 1px solid black; height: 25px; width: 260px; margin-top: 20px;"></div>	<p>4.</p>  <div style="border: 1px solid black; height: 25px; width: 260px; margin-top: 20px;"></div>
<p>5.</p>  <div style="border: 1px solid black; height: 25px; width: 260px; margin-top: 20px;"></div>	<p>6.</p>  <div style="border: 1px solid black; height: 25px; width: 260px; margin-top: 20px;"></div>
<p>7.</p>  <div style="border: 1px solid black; height: 25px; width: 260px; margin-top: 20px;"></div>	<p>8.</p>  <div style="border: 1px solid black; height: 25px; width: 260px; margin-top: 20px;"></div>

Identify each pair of angles as corresponding, alternate interior, alternate exterior, or consecutive interior.

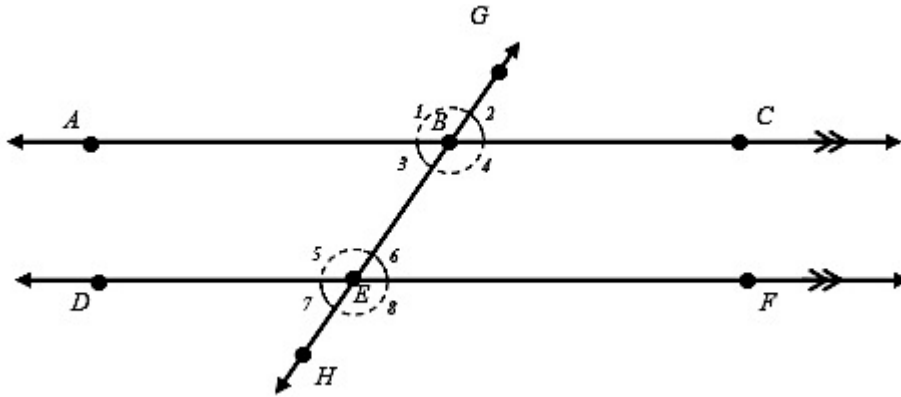
<p>1.</p>  <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;">Corresponding angles</div>	<p>2.</p>  <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;">Consecutive Interior angles</div>
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Find the measure of each angle indicated.

<p>3.</p>  <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;">110°</div>	<p>4.</p>  <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;">80°</div>
<p>5.</p>  <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;">x = 7</div>	<p>6.</p>  <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;">x = -7</div>
<p>7.</p>  <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;">x = 10</div>	<p>8.</p>  <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;">y = 90°</div>

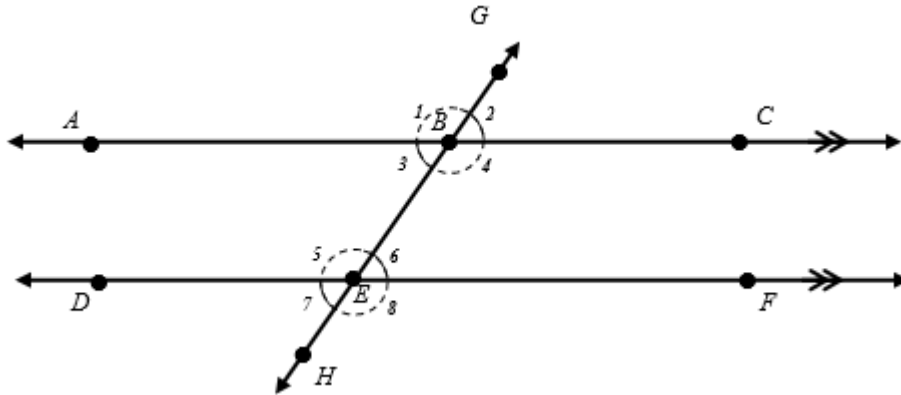
Homework 2.2 Parallel Lines & Transversals (Page 2)

Identify each pair of angles as corresponding, alternate interior, alternate exterior, or consecutive interior.



1. Give an alternate name for angle $\angle 2$ using 3 points: _____ (1 answer)
2. Angles $\angle ABE$ and $\angle CBG$ can best be described as: _____ (2 answers)
3. Angles $\angle 6$ and $\angle 3$ can best be described as: _____ (2 answers)
4. The line \overleftrightarrow{GH} can best be described as a: _____ (1 answer)
5. Which angle corresponds to $\angle DEB$: _____ (1 answer)
6. Angles $\angle FEB$ and $\angle CBE$ can best be described as: _____ (2 answers)
7. Angles $\angle 1$ and $\angle 8$ can best be described as: _____ (2 answers)
8. Which angle is an alternate interior angle with $\angle CBE$: _____ (1 answer)
9. Angles $\angle GBC$ and $\angle BEF$ can best be described as: _____ (2 answers)
10. Angles $\angle 2$ and $\angle 8$ can best be described as: _____ (2 answers)
11. Which angle is an alternate exterior angle with $\angle ABG$: _____ (1 answer)
12. Which angle is a vertical angle to $\angle ABG$: _____ (1 answer)
13. Which angle can be described as consecutive exterior angle with $\angle 1$: _____ (1 answer)
14. Any two angles that sum to 180° can be described as _____ angles. (1 answer)

Identify each pair of angles as corresponding, alternate interior, alternate exterior, or consecutive interior.



9. Give an alternate name for angle $\angle 2$ using 3 points: $\angle GBC$ or $\angle CBC$ (1 answer)
10. Angles $\angle ABE$ and $\angle CBG$ can best be described as: Vertical Angles; Congruent (2 answers)
11. Angles $\angle 6$ and $\angle 3$ can best be described as: Alternate Interior Angles, Congruent (2 answers)
12. The line \overleftrightarrow{GH} can best be described as a: Transversal (1 answer)
13. Which angle corresponds to $\angle DEB$: $\angle ABG$ or $\angle GBA$ or $\angle 1$ (1 answer)
14. Angles $\angle FEB$ and $\angle CBE$ can best be described as: Consecutive Interior Angles, Supplementary (2 answers)
15. Angles $\angle 1$ and $\angle 8$ can best be described as: Alternate Exterior Angles, Congruent (2 answers)
16. Which angle is an alternate interior angle with $\angle CBE$: $\angle DEB$ or $\angle DEG$ or $\angle 5$ (1 answer)
17. Angles $\angle GBC$ and $\angle BEF$ can best be described as: Corresponding Angles; Congruent (2 answers)
18. Angles $\angle 2$ and $\angle 8$ can best be described as: Consecutive Exterior Angles; Supplementary (2 answers)
19. Which angle is an alternate exterior angle with $\angle ABG$: $\angle FEH$ or $\angle HEF$ or $\angle 8$ (1 answer)
20. Which angle is a vertical angle to $\angle ABG$: $\angle CBE$ or $\angle CBH$ or $\angle 4$ (1 answer)
21. Which angle can be described as consecutive exterior angle with $\angle 1$: $\angle 8$ (1 answer)
22. Any two angles that sum to 180° can be described as Supplementary angles. (1 answer)