

EMAC Gold 2e Year 9 OTS_Ch8_Skillsheet_8A_Geometry_review

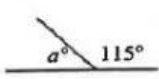
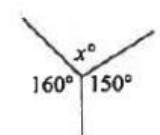
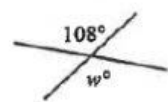
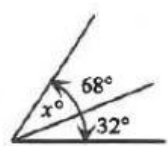
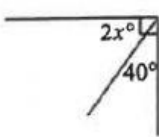
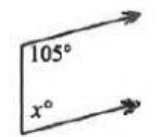
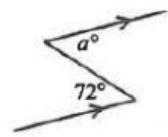
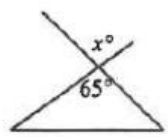
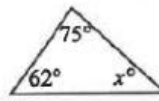
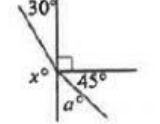
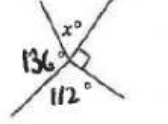
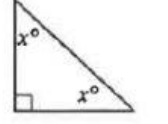
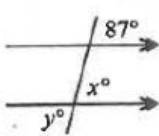
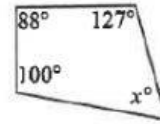
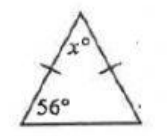
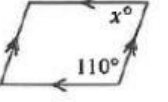
Chapter 8: Geometry

Name: _____

Find the value of each pronumeral in the diagrams below.

Choose and write down an appropriate reason for your answer from this list:

- A: vertically opposite angles
- B: angles on a straight line
- C: revolution equals 360°
- D: sum of adjacent angles
- E: adjacent complementary angles
- F: alternate angles on parallel lines
- G: corresponding angles on parallel lines
- H: cointerior angles on parallel lines
- I: angle sum of a triangle equals 180°
- J: angle sum of a quadrilateral equals 360°

<p>1</p>  <p>$a =$ _____ ()</p>	<p>2</p>  <p>$x =$ _____ ()</p>	<p>3</p>  <p>$w =$ _____ ()</p>	<p>4</p>  <p>$x =$ _____ ()</p>
<p>5</p>  <p>$x =$ _____ ()</p>	<p>6</p>  <p>$x =$ _____ ()</p>	<p>7</p>  <p>$a =$ _____ ()</p>	<p>8</p>  <p>$x =$ _____ ()</p>
<p>9</p>  <p>$x =$ _____ ()</p>	<p>10</p>  <p>$a =$ _____ () $x =$ _____ ()</p>	<p>11</p>  <p>$x =$ _____ ()</p>	<p>12</p>  <p>$x =$ _____ ()</p>
<p>13</p>  <p>$x =$ _____ () $y =$ _____ ()</p>	<p>14</p>  <p>$x =$ _____ ()</p>	<p>15</p>  <p>$x =$ _____ ()</p>	<p>16</p>  <p>$x =$ _____ ()</p>