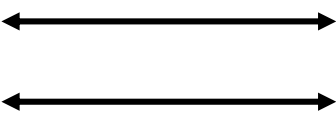
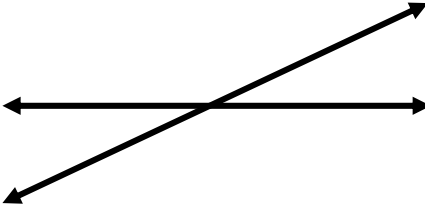
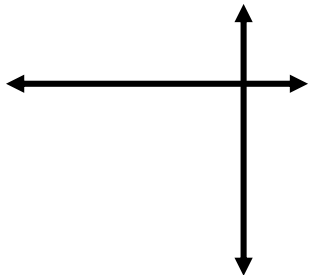
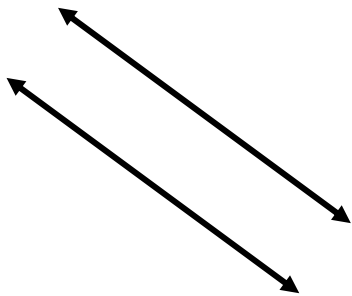


Lesson 2: Basics of Geometry – Lines and Angles

Type of Lines and Angles


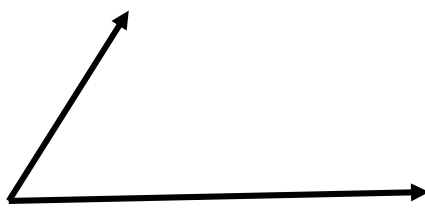
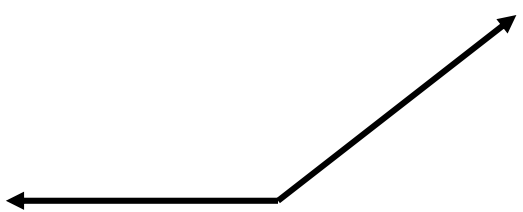

Video Help: <https://learnzillion.com/lessons/3918-identify-parallel-intersecting-and-perpendicular-lines>

Directions: Circle the most accurate way to classify the following lines.

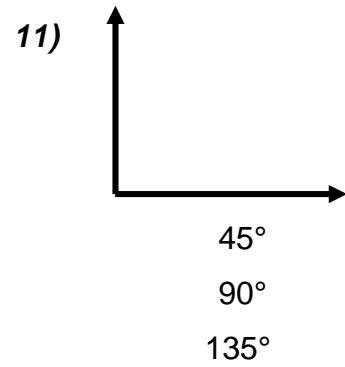
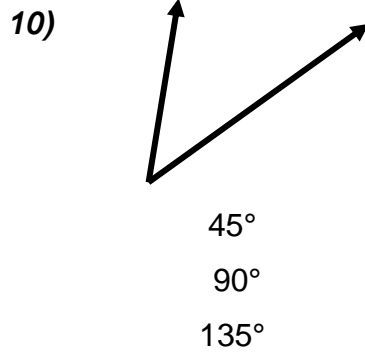
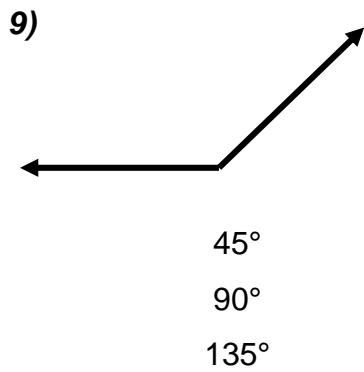
<p>1)</p>  <p>Parallel Perpendicular Intersecting</p>	<p>2)</p>  <p>Parallel Perpendicular Intersecting</p>
<p>3)</p>  <p>Parallel Perpendicular Intersecting</p>	<p>4)</p>  <p>Parallel Perpendicular Intersecting</p>

Directions: Circle the most accurate way to classify the following angles.

Video Help: <https://learnzillion.com/lessons/3917-identify-angles-by-comparing-them-to-square-angles>

<p>5)</p>  <p>Acute Right Obtuse</p>	<p>6)</p>  <p>Acute Right Obtuse</p>
<p>7)</p>  <p>Acute Right Obtuse</p>	<p>8)</p>  <p>Acute Right Obtuse</p>

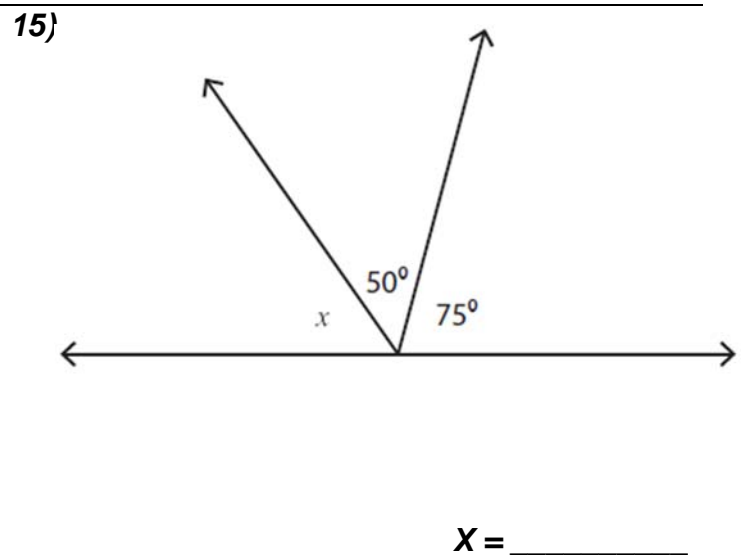
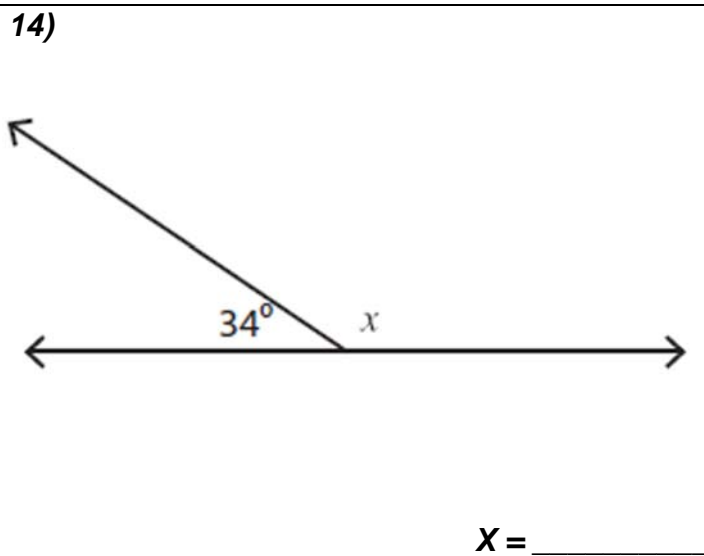
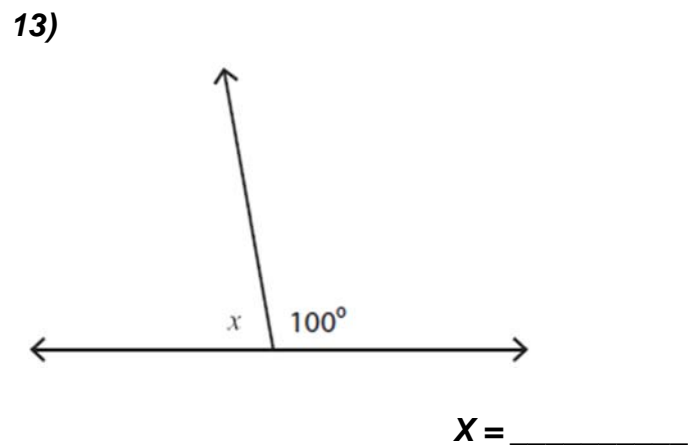
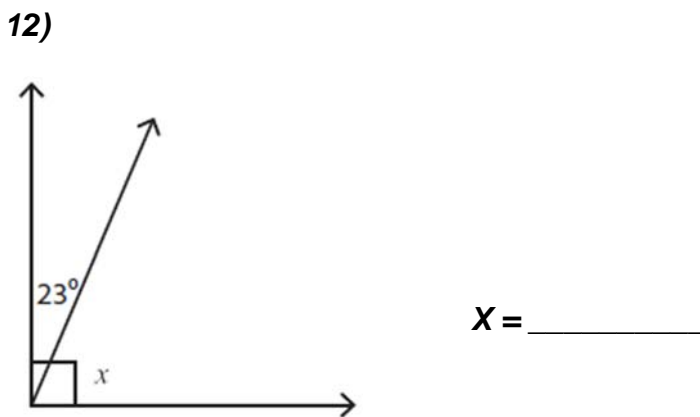
Directions: Circle the best estimate for the measure of each angle.



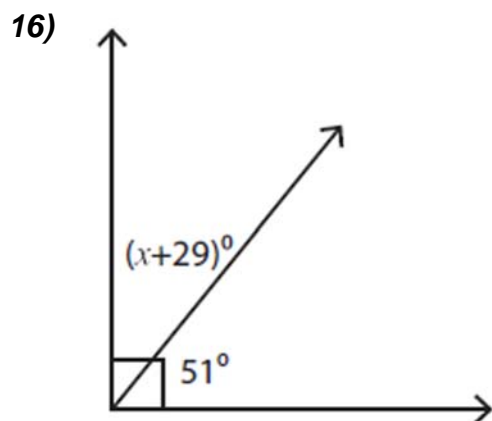
Complementary, Supplementary, Vertical angles and angles around a point

Video Help: <https://learnzillion.com/lessons/2647-find-angle-measurements-using-complementary-and-supplementary-angles>

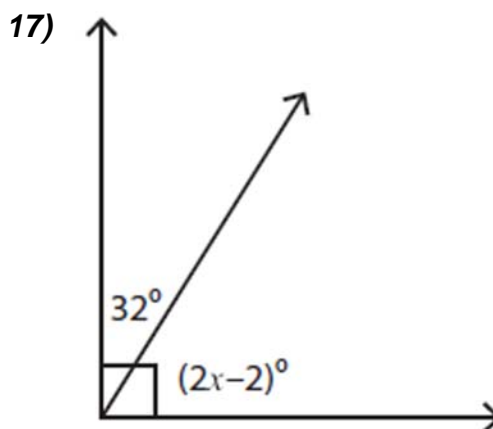
Directions: Find the value of x or the missing angle.



Video Help: <https://www.khanacademy.org/math/geometry/parallel-and-perpendicular-lines/complementary-supplementary-angl/v/example-using-algebra-to-find-measure-of-complementary-angles>

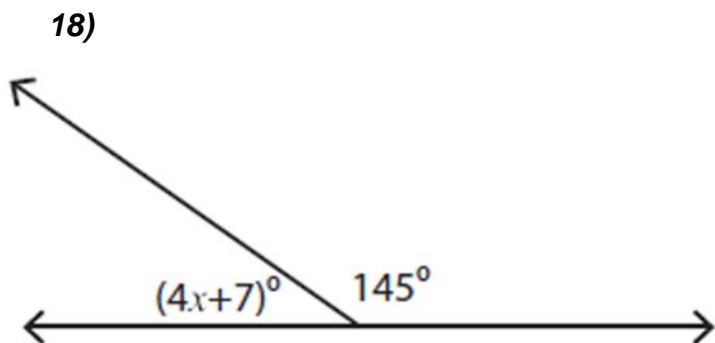


$x = \underline{\hspace{2cm}}$

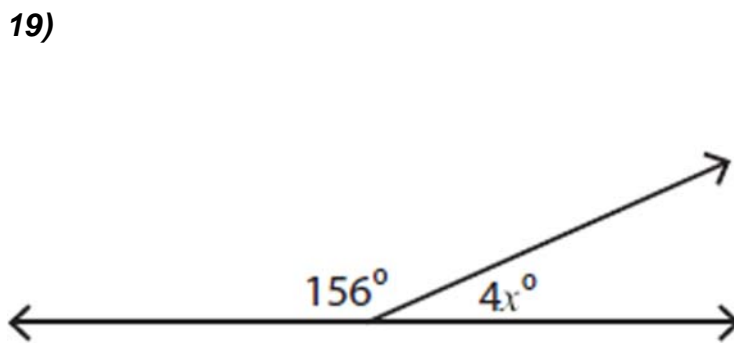


$x = \underline{\hspace{2cm}}$

Video Help: <https://www.khanacademy.org/math/geometry/parallel-and-perpendicular-lines/complementary-supplementary-angl/v/example-using-algebra-to-find-measure-of-supplementary-angles>

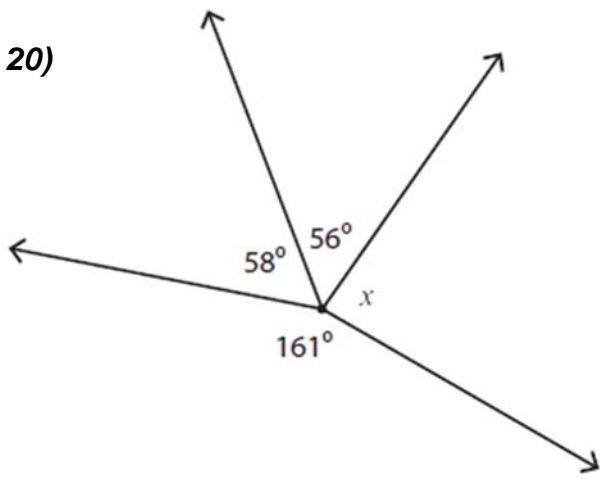


$x = \underline{\hspace{2cm}}$



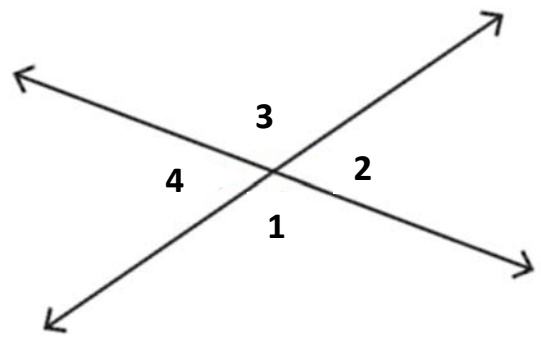
$x = \underline{\hspace{2cm}}$

20)



$x =$ _____

21)



$\angle 1 =$ _____

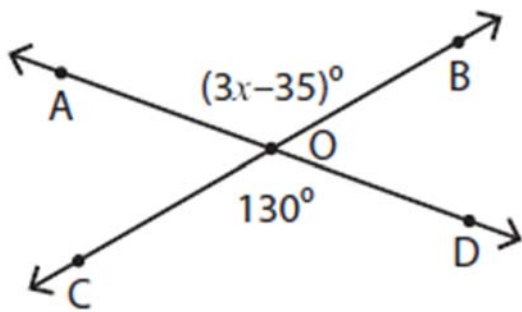
$\angle 2 =$ 55°

$\angle 3 =$ _____

$\angle 4 =$ _____

Video Help: <https://learnzillion.com/lessons/2594-find-angle-measurements-using-vertical-angles>

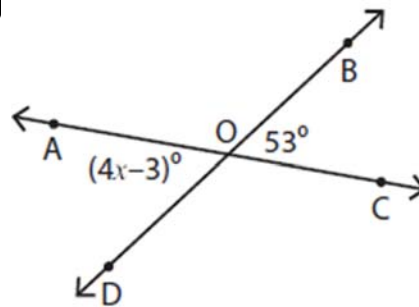
22)



$x =$ _____

$\angle AOC =$ _____

23)



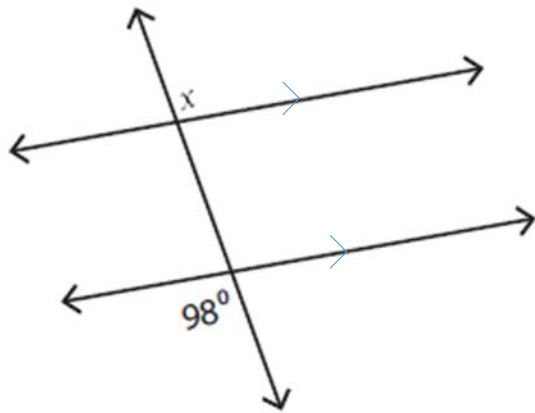
$x =$ _____

$\angle COD =$ _____

Video Help 1: <https://www.khanacademy.org/math/basic-geo/basic-geo-angles/basic-geo-angle-relationships/v/angles-formed-by-parallel-lines-and-transversals>

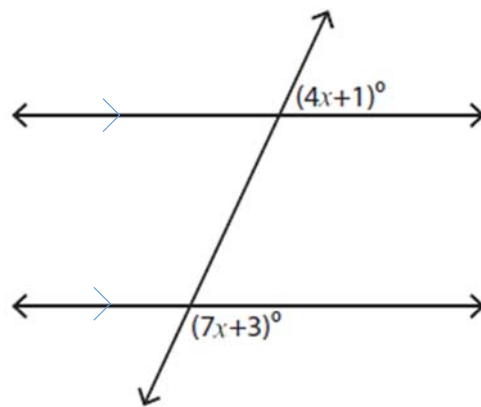
Video Help 2: <https://www.khanacademy.org/math/basic-geo/basic-geo-angles/basic-geo-angle-relationships/v/figuring-out-angles-between-transversal-and-parallel-lines>

24)



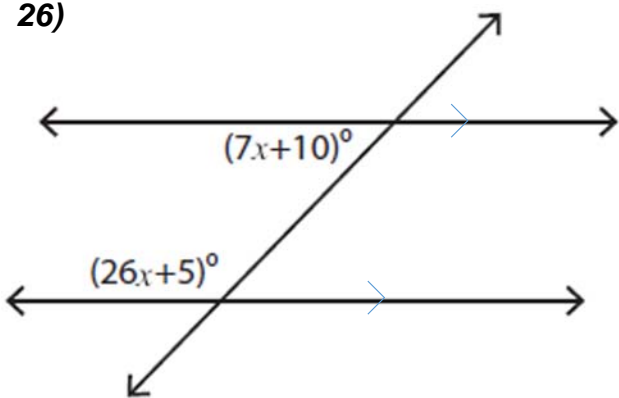
$x =$ _____

25)



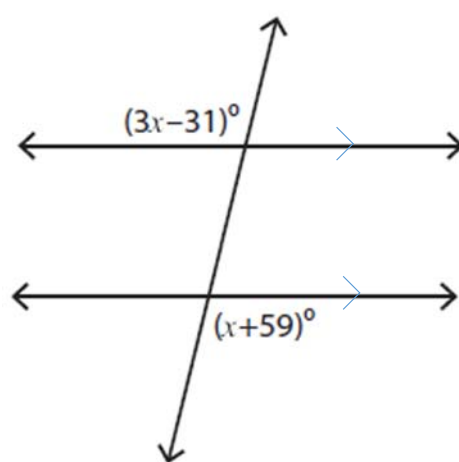
$x =$ _____

26)



$x =$ _____

27)



$x =$ _____