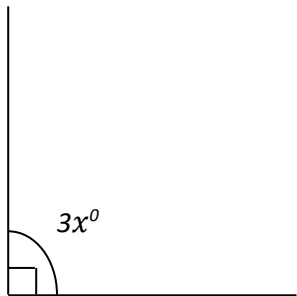
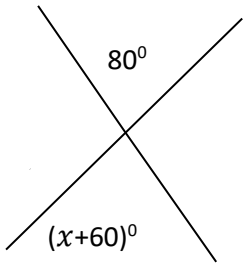
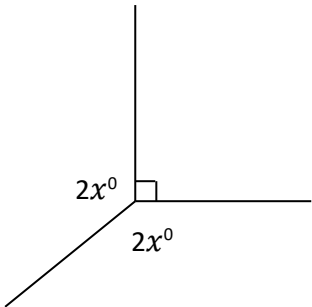
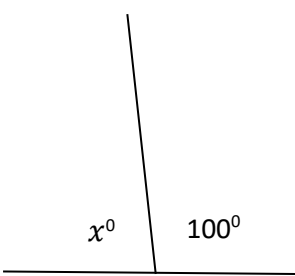
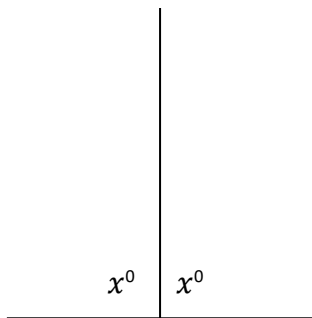
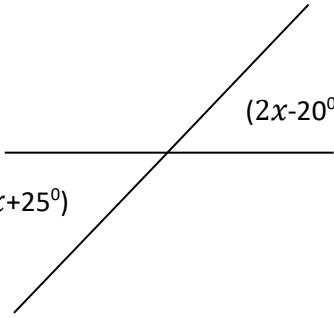
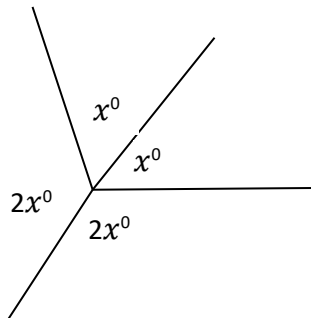
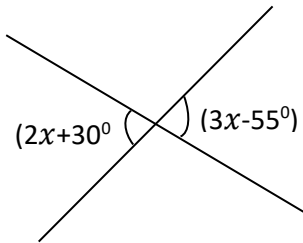
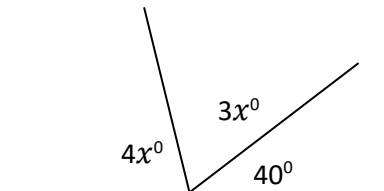


## MATHS WORKSHEETS- GEOMETRY- FIND THE VALUE OF $x$ IN THE FOLLOWING DIAGRAMS

Find the value of  $x$  in each of the following diagrams:

<p>1.</p>  <p style="margin-top: 20px;">Answer:</p>	<p>2.</p>  <p style="margin-top: 20px;">Answer:</p>	<p>3.</p>  <p style="margin-top: 20px;">Answer:</p>
<p>4.</p>  <p style="margin-top: 20px;">Answer:</p>	<p>5.</p>  <p style="margin-top: 20px;">Answer:</p>	<p>6.</p>  <p style="margin-top: 20px;">Answer:</p>
<p>7.</p>  <p style="margin-top: 20px;">Answer:</p>	<p>8.</p>  <p style="margin-top: 20px;">Answer:</p>	<p>9.</p>  <p style="margin-top: 20px;">Answer:</p>

## MATHS WORKSHEETS- GEOMETRY- FIND THE VALUE OF $x$ IN THE FOLLOWING DIAGRAMS

### Answer Key:

1.  $3x = 90$ ;  $x = 90/3 = 30^\circ$
2.  $x + 60 = 80$ ;  $x = 80 - 60$ ;  $x = 20^\circ$
3.  $2x + 2x + 90 = 360$ ;  $x = 67.5^\circ$
4.  $x = 180 - 100 = 80^\circ$
5.  $180 = x + x$ ;  $x = 90^\circ$
6.  $2x - 20 = x + 25$ ;  $x = 45^\circ$
7.  $6x = 360$ ;  $x = 60^\circ$
8.  $(2x + 30) = (3x - 55)$ ;  $x = 85^\circ$
9.  $180 = (4x + 3x + 40) = 7x + 40$ ;  $x = 20^\circ$