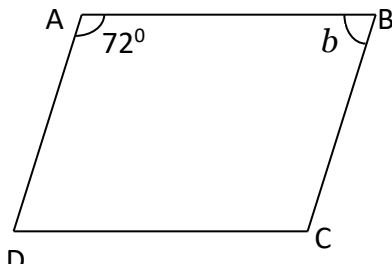
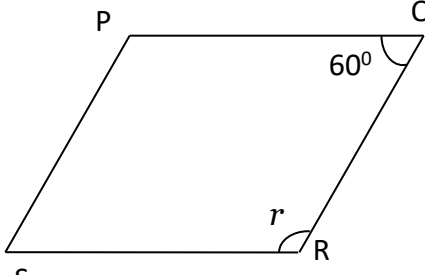
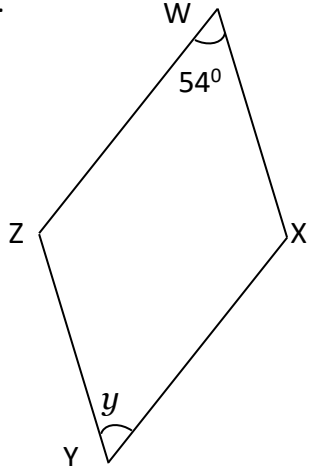
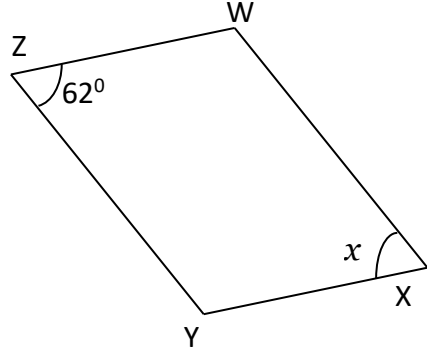
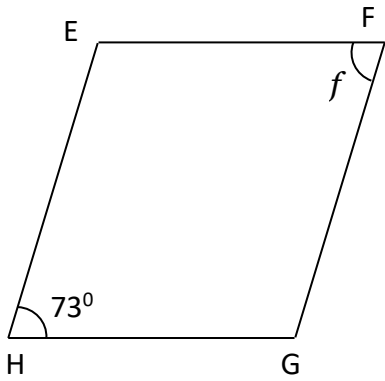
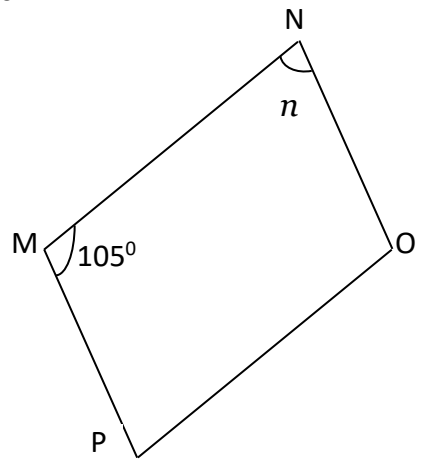
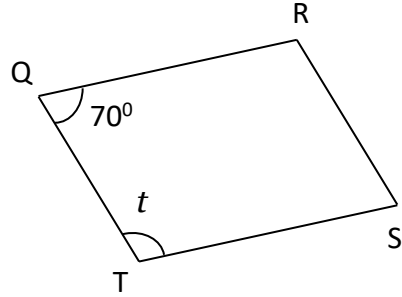
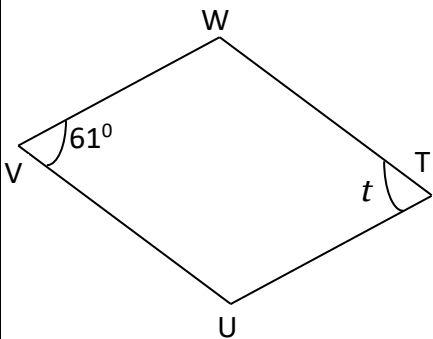
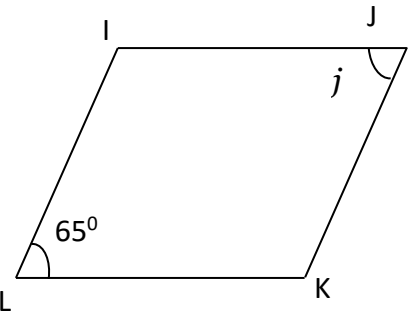


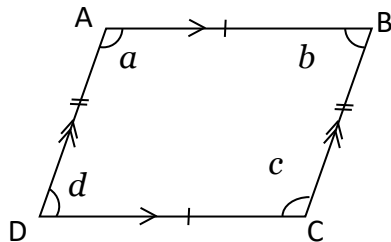
## MATHS WORKSHEETS- GEOMETRY- PARALLELOGRAMS- FINDING UNKNOWN ANGLE MEASURES

Find the unknown angle measures.

<p>1.</p>  <p><math>\angle b =</math></p>	<p>2.</p>  <p><math>\angle r =</math></p>	<p>3.</p>  <p><math>\angle y =</math></p>
<p>4.</p>  <p><math>\angle x =</math></p>	<p>5.</p>  <p><math>\angle f =</math></p>	<p>6.</p>  <p><math>\angle n =</math></p>
<p>7.</p>  <p><math>\angle t =</math></p>	<p>8.</p>  <p><math>\angle t =</math></p>	<p>9.</p>  <p><math>\angle j =</math></p>

## MATHS WORKSHEETS- GEOMETRY- PARALLELOGRAMS- FINDING UNKNOWN ANGLE MEASURES

### Parallelogram:



1. Opposite sides are equal,  $AB = DC$ ;  $AD = BC$
2. Two pairs of parallel sides.  $AB \parallel DC$ ;  $AD \parallel BC$
3. Opposite angles are equal.  $\angle a = \angle c$ ;  $\angle b = \angle d$
4. Adjacent angles add up to  $180^\circ$
5. Diagonals bisect each other.

### Answer Key:

1.  $\angle c = 72^\circ$  (opposite angles are equal)  
 $\angle b = 180 - 72 = 108^\circ$  (adjacent angles add up to  $180^\circ$ )
2.  $\angle r = 180 - 60 = 120^\circ$
3.  $\angle y = 54^\circ$
4.  $\angle x = 62^\circ$
5.  $\angle f = 73^\circ$
6.  $\angle n = 180 - 105 = 75^\circ$
7.  $\angle t = 180 - 70 = 110^\circ$
8.  $\angle t = 61^\circ$
9.  $\angle j = 65^\circ$