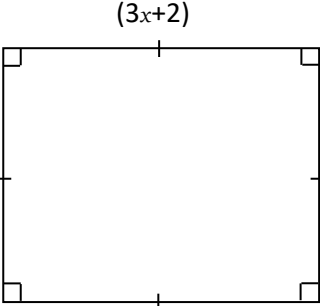
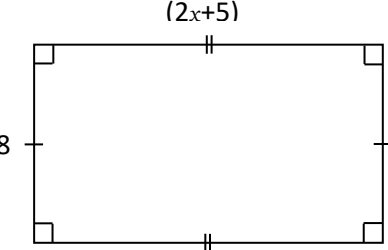
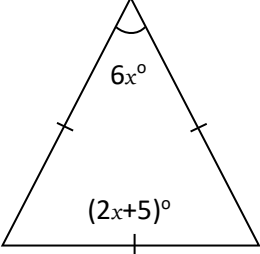
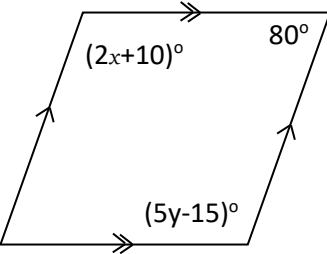
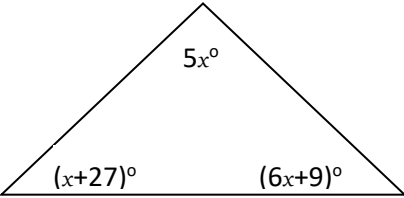
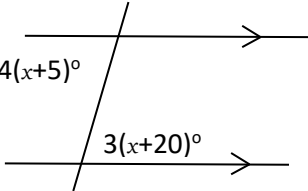
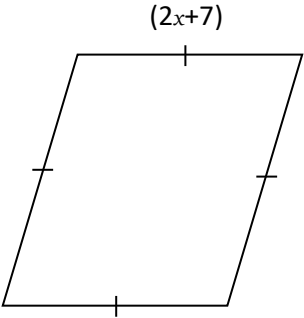
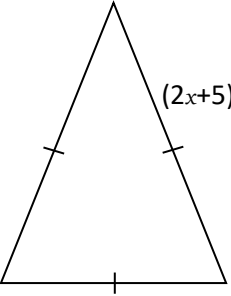
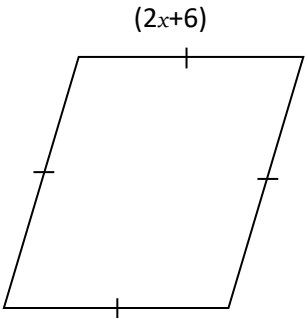


MATHS WORKSHEETS- GEOMETRY- SHAPES- PRONUMERAL

Find the value of the pronumeral in each of the following diagrams. All measurements are given in cm.

| | | |
|---|---|---|
| <p>1.</p>  <p style="text-align: center;">Perimeter= 80 cm</p> <p>Answer:</p> | <p>2.</p>  <p style="text-align: center;">Area= 120 cm²</p> <p>Answer:</p> | <p>3.</p>  <p>Answer:</p> |
| <p>4.</p>  <p>Answer:</p> | <p>5.</p>  <p>Answer:</p> | <p>6.</p>  <p>Answer:</p> |
| <p>7.</p>  <p style="text-align: center;">Perimeter= 100 cm</p> <p>Answer:</p> | <p>8.</p>  <p style="text-align: center;">Perimeter= 45 cm</p> <p>Answer:</p> | <p>9.</p>  <p style="text-align: center;">Perimeter= 320 cm</p> <p>Answer:</p> |

Answer Key:

1. $4(3x+2) = 80; x = 6$

2. $(2x+5)*8=120; x = 5$

3. Angle sum= 180^0 ; $6x+2(2x+5)=180; x = 17$

4. Fourth angle= 80^0 ; Divide into 2 triangles , $40+40+2x+10=180$
 $X=45; 2x+10=5y-15 \rightarrow 100=5y-15; y=23$

5. $5x+x+27+6x+9=180; x = 12$

6. $4(x+5)= 3(x+20); x = 40$

7. $4(2x+7)=100; x = 9$

8. $3(2x+5)=45; x = 5$

9. $4(2x+6)=320; x = 37$