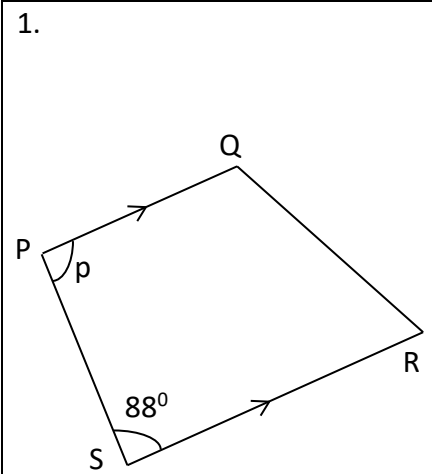
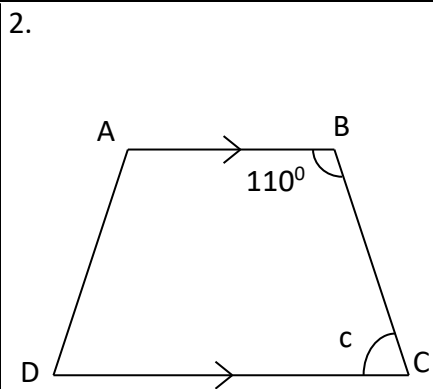


MATHS WORKSHEETS- GEOMETRY- TRAPEZIUM- FINDING UNKNOWN ANGLE

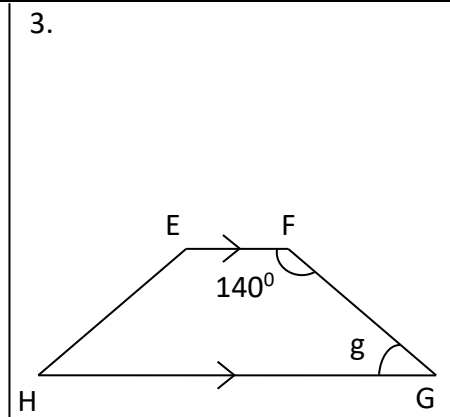
Find the unknown angle measures.



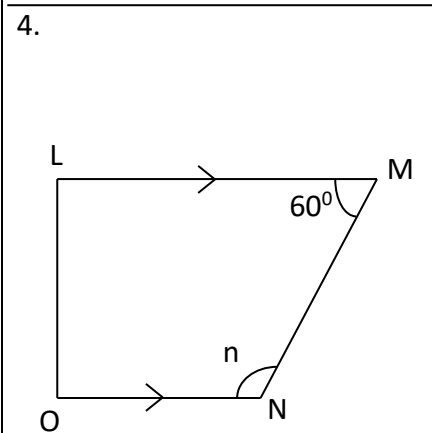
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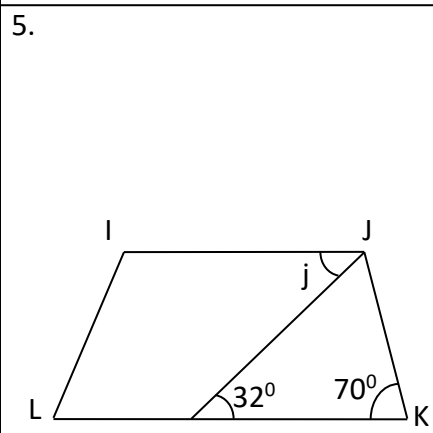
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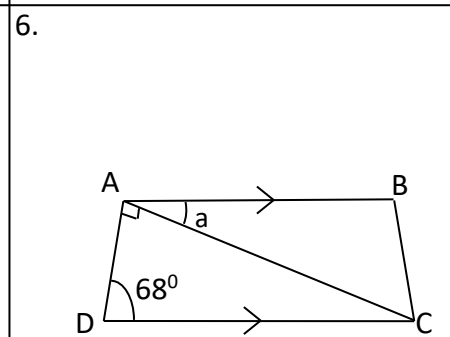
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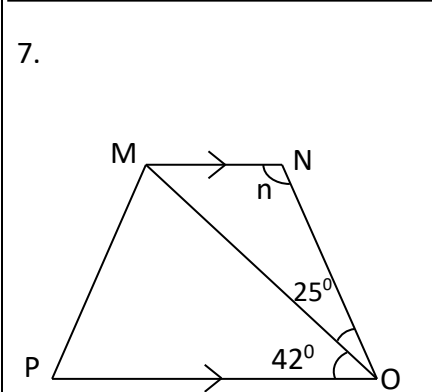
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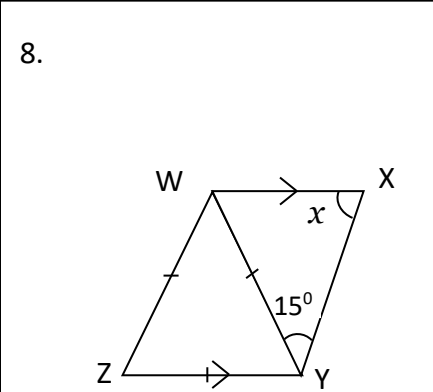
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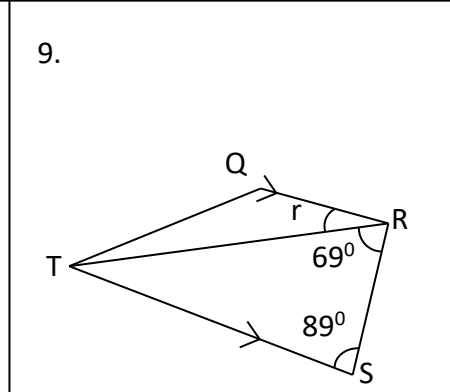
Answer=



Answer =



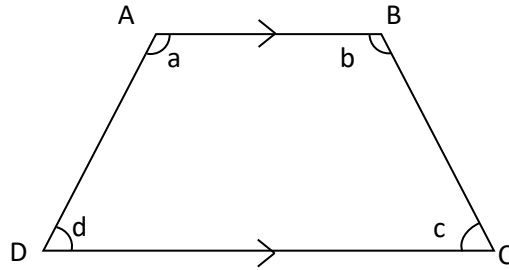
Answer =



Answer =

MATHS WORKSHEETS- GEOMETRY- TRAPEZIUM- FINDING UNKNOWN ANGLE

Trapezium :



Bases: AB & DC
Legs: AD & BC

- Only one pair of parallel sides
 $\angle a + \angle d = 180^\circ$
 $\angle c + \angle b = 180^\circ$
- 2D shape ,4-sided figure
- The bases are parallel to each other
- Sum of adjacent angles on **non-parallel sides** is 180°
- Sum of all the interior angles is 360°
- $\angle a + \angle b + \angle c + \angle d = 360^\circ$
- Diagonals bisect with each other

Answer Key:

1. $\angle p = 180 - 88 = 92^\circ$
2. $\angle c = 180 - 110 = 70^\circ$
3. $\angle g = 180 - 140 = 40^\circ$
4. $\angle n = 180 - 60 = 120^\circ$
5. $32 + 70 + x = 180^\circ$; $x = 78^\circ$; $\angle j = 180 - (78 + 70) = 32^\circ$
6. $\angle a = 180 - (68 + 90) = 22^\circ$
7. $\angle n = 180 - (42 + 25) = 113^\circ$
8. $\angle x = 180 - (60 + 15) = 105^\circ$
9. $\angle r = 180 - (89 + 69) = 22^\circ$