

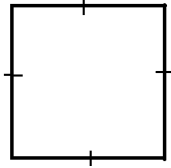


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Quadrilaterals

1. Identify the quadrilaterals.

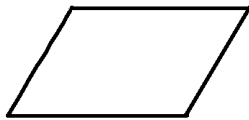
1.1



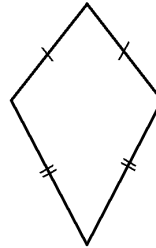
1.2



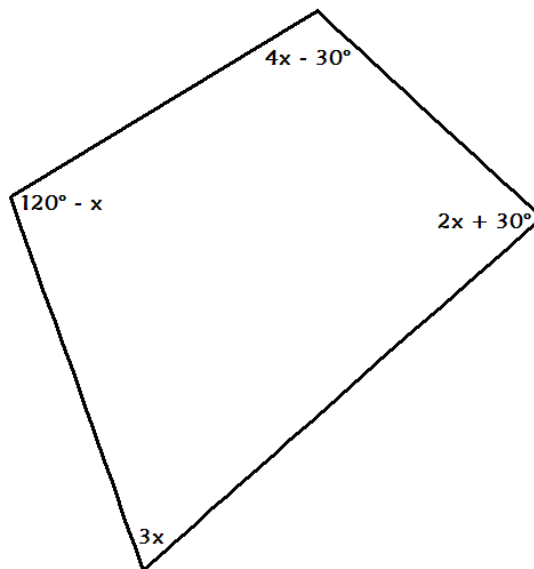
1.3



1.4



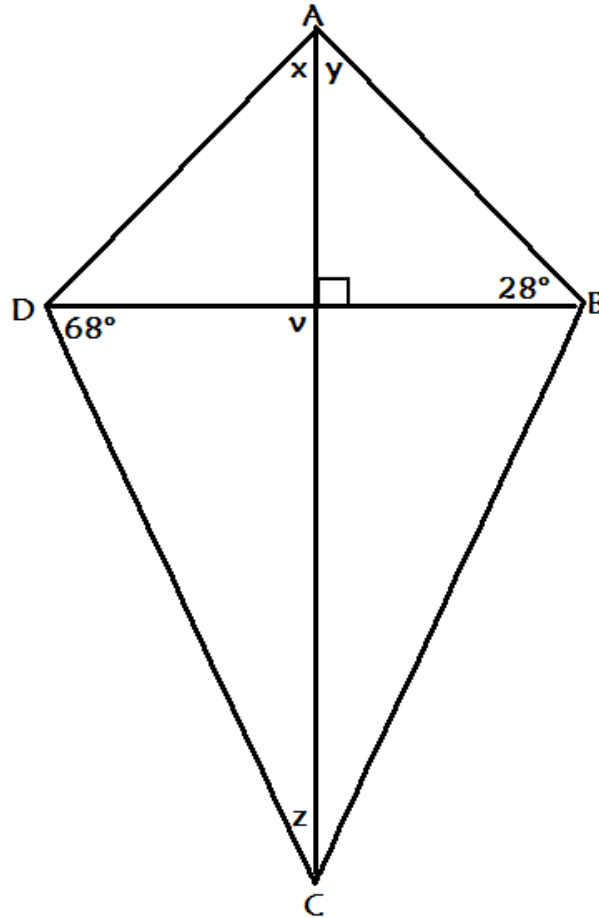
2. Solve for x:





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3. ABCD is a kite. Calculate the values of x , y , z and v .





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MEMO

1. Identify the quadrilaterals:

[8.4.1.1; 8.4.1.2]

1.1 Square

1.2 Rectangle

1.3 Parallelogram

1.4 Kite

2. Solve for x:

[8.4.2.1, 8.4.3.1, 8.4.7]

$$(120^\circ - x) + (4x - 30^\circ) + 3x + (2x + 30^\circ) = 360^\circ$$

$$-x + 4x + 3x + 2x = 240^\circ$$

$$8x = 240^\circ$$

$$x = 30^\circ$$

3. Solve the variables:

$$x = y = 62^\circ$$

$$v = 90^\circ$$

$$z = 90^\circ - 68^\circ = 22^\circ$$

