

19.02.24

Number Nest Weekly Challenge



Warm up

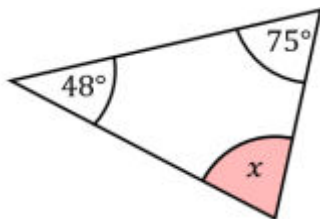
- The 2nd multiple of 5
- The missing multiple of 3: 3, 6, 9, ____, 15, 18
- The sum of the first five multiples of 7
- The smallest factor of 20
- The prime number closest to 20
- The sum of all the factors of 15
- The smallest prime number greater than 30

Activity

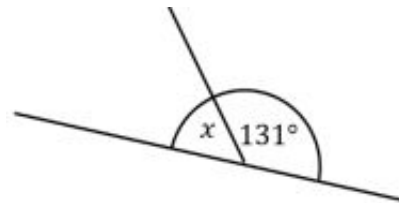
Fill in the blanks to complete the sentences about angles.

Angles on a straight line add up to _____ degrees.
Angles in a triangle add up to _____ degrees.
Angles at a point add up to _____ degrees.
Opposite angles are _____.

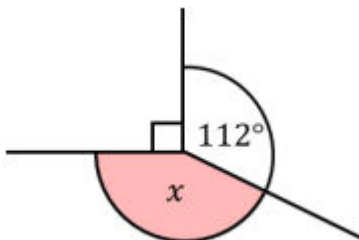
Find the missing angles.



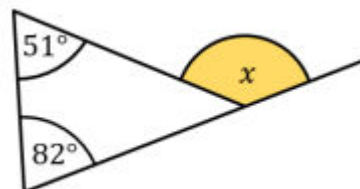
a)



b)

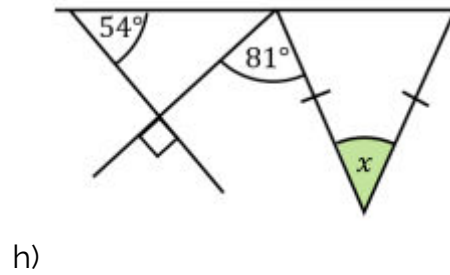
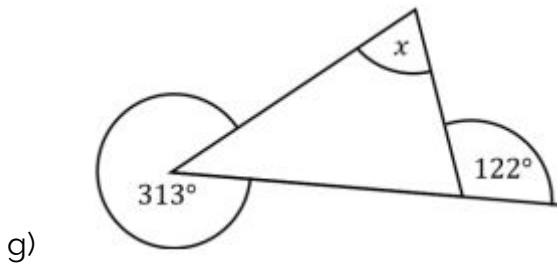
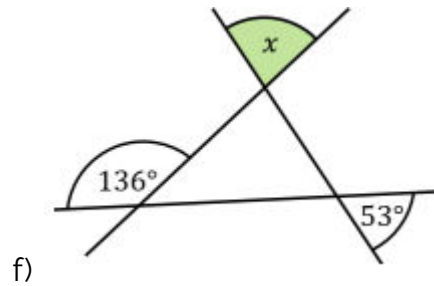
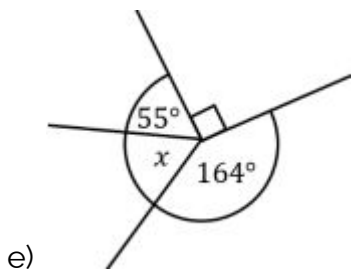


c)



d)

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Challenge

Can you solve the puzzles below? Each puzzle must contain the digits 1 to 9 so that all the equations are true. Some digits have already been filled in for you.

	×		+		13
+		+		+	
	×	8	+		17
+		÷		+	
	+		-	6	5
13		4		18	

	×		+	9	29
+		×		-	
	-		+		0
÷		-		+	
2	+		×		26
8		25		16	