

mobius

Rule for a Missing Angle on the Triangle

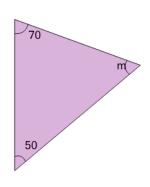


1			
-	30		r_
			60

What is known about the angles labelled 30, 60, r

Α	30 is the same as 60
В	r and 60 add to 30
С	30 and 60 add to r
D	30 is half 60
Ε	30, 60, and r add up to
F	30 and 60 add to twice r

2

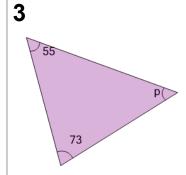


What is known about the angles labelled 70, 50, m

- A 70 and 50 add to m

 B Nothing, 70, 50, and m are not related by any geometry rule

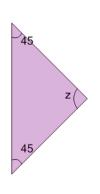
 C 70 and 50 add to twice
- m and 50 add to 70
 70, 50, and m add up to
- F 70, 50, and m add up to



What is known about the angles labelled 55, 73, p

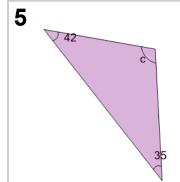
A 55 and 73 add to p
B 55 is the same as 73
C 55, 73, and p add up to
D 55, 73, and p add up to
E p and 73 add to 55
F Nothing, 55, 73, and p are not

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What is known about the angles labelled 45, 45, z

- A 45, 45, and z add up to
- B 45 and 45 add to z
- ^C 45, 45, and z add up to
- D 45 is the same as 45
- E 45, 45, and z add up to
- F Nothing, 45, 45, and z are not



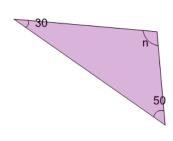
What is known about the angles labelled 42, 35, c

related by any geometry rule

A Nothing, 42, 35, and c are not B 42, 35, and c add up to C 42 and 35 add to c C C and 35 add to 42 E 42, 35, and c add up to

42, 35, and c add up to

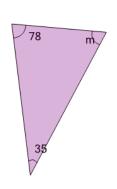
6



What is known about the angles labelled 30, 50, n

- A 30 is half 50
- B n and 50 add to 30
- ^C 30, 50, and n add up to
- D 30, 50, and n add up to
- E 30 and 50 add to n
- F 30 and 50 add to twice n

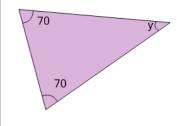
7



What is known about the angles labelled 78, 35, m

- A 78, 35, and m add up to
- 78 is the same as 35
- C 78 and 35 add to twice
- D m and 35 add to 78
- E 78, 35, and m add up to
- F Nothing, 78, 35, and m are not

8



What is known about the angles labelled 70, 70, y

- 70 is the same as 70
- B 70 and 70 add to twice y
- ^C 70, 70, and y add up to
- D 70, 70, and y add up to
- E 70, 70, and y add up to
- F y and 70 add to 70