	Identifying Triangle Angles and Lengths Name:   ermine if the statement is possible(p) or impossible(i). Name:				0.194	
			AI	<u>ISW</u>	ers	<u>5</u>
1)	A triangle with the angles: $66^{\circ}$ , $20^{\circ}$ and $79^{\circ}$ .	1.				
2)	A triangle with the angles: $3^{\circ}$ , $169^{\circ}$ and $8^{\circ}$ .					
_)	A dialize with the angles. 5, 105 and 6.	2.				
3)	A triangle with the angles: $92^{\circ}$ , $46^{\circ}$ and $25^{\circ}$ .					
		3.				
4)	A triangle with the angles: $28^{\circ}$ , $72^{\circ}$ and $80^{\circ}$ .					
-		4.				
5)	A triangle with the angles: $41^{\circ}$ , $80^{\circ}$ and $32^{\circ}$ .	5.				
6)	A triangle with the angles: $1^{\circ}$ , $1^{\circ}$ and $178^{\circ}$ .	5.				
U)	A trangle with the angles. 1, 1 and 176.	6.				
7)	A triangle with the angles: $22^{\circ}$ , $121^{\circ}$ and $22^{\circ}$ .					
		7.				
8)	A triangle with the angles: 21°, 35° and 103°.					
0		8.				
9)	A triangle with the angles: $67^{\circ}$ , $43^{\circ}$ and $40^{\circ}$ .	9.				
10)	A triangle with the angles: $41^{\circ}$ , $14^{\circ}$ and $125^{\circ}$ .					
10)	A trangle with the angles. 41, 14 and 125.	10.				
11)	A triangle with the sides: 4in, 4in and 6in.					
		11.				
12)	A triangle with the sides: 4mm, 4mm and 4mm.	1.0				
17)		12.				
13)	A triangle with the sides: 4ft, 8ft and 3ft.	13.				
14)	A triangle with the sides: 7mm, 6mm and 8mm.					
/	Transfer with the states. Think, office and office.	14.				
15)	A triangle with the sides: 3cm, 9cm and 2cm.					
		15.				
16)	A triangle with the sides: 10in, 9in and 11in.	16				
17		16.				
17)	A triangle with the sides: 6cm, 8cm and 5cm.	17.				
18)	A triangle with the sides: 2ft, 2ft and 4ft.					
,		18.				
<b>19</b> )	A triangle with the sides: 7mm, 10mm and 6mm.					
		19.				
20)	A triangle with the sides: 4ft, 4ft and 3ft.	20				
		20.				
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	Identifying Triangle Angles and Lengths Name: A	nswer Key
Dete	ermine if the statement is possible(p) or impossible(i).	Answers
1)	A triangle with the angles: $66^{\circ}$ , $20^{\circ}$ and $79^{\circ}$ .	1 <b>i</b>
2)	A triangle with the angles: 3°, 169° and 8°.	2. <b>p</b>
3)	A triangle with the angles: $92^{\circ}$ , $46^{\circ}$ and $25^{\circ}$ .	3. <u>i</u>
4)	A triangle with the angles: $28^{\circ}$ , $72^{\circ}$ and $80^{\circ}$ .	4. <b></b>
5)	A triangle with the angles: $41^{\circ}$ , $80^{\circ}$ and $32^{\circ}$ .	5. <u>i</u>
6)	A triangle with the angles: 1°, 1° and 178°.	6. <b>р</b>
7)	A triangle with the angles: $22^{\circ}$ , $121^{\circ}$ and $22^{\circ}$ .	7 <b>i</b>
8)	A triangle with the angles: $21^{\circ}$ , $35^{\circ}$ and $103^{\circ}$ .	8 <b>i</b>
9)	A triangle with the angles: $67^{\circ}$ , $43^{\circ}$ and $40^{\circ}$ .	9 <b>i</b>
10)	A triangle with the angles: $41^{\circ}$ , $14^{\circ}$ and $125^{\circ}$ .	10 <b>p</b>
11)	A triangle with the sides: 4in, 4in and 6in.	11. <b></b>
12)	A triangle with the sides: 4mm, 4mm and 4mm.	12. <b>p</b>
13)	A triangle with the sides: 4ft, 8ft and 3ft.	13 <b>i</b>
14)	A triangle with the sides: 7mm, 6mm and 8mm.	14. <b>p</b>
15)	A triangle with the sides: 3cm, 9cm and 2cm.	15. <u>i</u>
<b>16</b> )	A triangle with the sides: 10in, 9in and 11in.	16. <b>p</b>
17)	A triangle with the sides: 6cm, 8cm and 5cm.	17. <b>p</b>
18)	A triangle with the sides: 2ft, 2ft and 4ft.	18. <b>i</b>
<b>19</b> )	A triangle with the sides: 7mm, 10mm and 6mm.	19. <b>p</b>
20)	A triangle with the sides: 4ft, 4ft and 3ft.	20. <b>p</b>
		II   III     80   75   70   65   60   55   50     30   25   20   15   10   5   0