	Identifying Triangle Angles and Lengths Name:	
Dete	ermine if the statement is possible(p) or impossible(i).	<u>Answers</u>
1)	A triangle with the angles: 38°, 133° and 8°.	1.
2)	A triangle with the angles: 7° , 13° and 160° .	
3)	A triangle with the angles: 81°, 67° and 20°.	3
4)	A triangle with the angles: 3° , 20° and 157° .	J
5)	A triangle with the angles: 11°, 5° and 164°.	5.
6)	A triangle with the angles: 5°, 141° and 17°.	6.
7)	A triangle with the angles: 82°, 83° and 15°.	0
8)	A triangle with the angles: 27° , 137° and 2° .	8.
9)	A triangle with the angles: 62°, 28° and 90°.	9.
10)	A triangle with the angles: 69°, 25° and 86°.	10.
11)	A triangle with the sides: 2cm, 7cm and 1cm.	11.
12)	A triangle with the sides: 3cm, 4cm and 5cm.	12.
13)	A triangle with the sides: 8in, 9in and 7in.	13.
14)	A triangle with the sides: 4mm, 4mm and 1mm.	14.
15)	A triangle with the sides: 8cm, 3cm and 2cm.	15.
16)	A triangle with the sides: 5in, 3in and 6in.	16.
17)	A triangle with the sides: 8mm, 5mm and 4mm.	17.
18)	A triangle with the sides: 8in, 8in and 7in.	18.
19)	A triangle with the sides: 8in, 8in and 10in.	19.
20)	A triangle with the sides: 3mm, 3mm and 1mm.	20.
		ll

Name: Answer Key

Determine if the statement is possible(p) or impossible(i).

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- **18**) A triangle with the sides: 8in, 8in and 7in.
- **19)** A triangle with the sides: 8in, 8in and 10in.
- **20)** A triangle with the sides: 3mm, 3mm and 1mm.

<u>Answers</u>

- 1. <u>i</u>
- 2 **n**
- \mathbf{i}
- **p**
- 5. **p**
- _{5.} i
- p
- i
- p
-). **p**
- i. i
- 2. **p**
- 3. **p**
- .4. **_____p**
- 5. <u>i</u>
- 5. **p**
- 17. **p**
- 18. **p**
- 19. **p**
- 20 **D**