

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

- 1) A triangle with the angles: 38° , 23° and 105° .
- 2) A triangle with the angles: 91° , 48° and 15° .
- 3) A triangle with the angles: 163° , 1° and 9° .
- 4) A triangle with the angles: 8° , 15° and 157° .
- 5) A triangle with the angles: 29° , 2° and 149° .
- 6) A triangle with the angles: 130° , 7° and 43° .
- 7) A triangle with the angles: 98° , 53° and 29° .
- 8) A triangle with the angles: 96° , 14° and 57° .
- 9) A triangle with the angles: 68° , 21° and 66° .
- 10) A triangle with the angles: 40° , 44° and 96° .
- 11) A triangle with the sides: 5ft, 5ft and 5ft.
- 12) A triangle with the sides: 7in, 7in and 7in.
- 13) A triangle with the sides: 9in, 3in and 2in.
- 14) A triangle with the sides: 5mm, 3mm and 2mm.
- 15) A triangle with the sides: 10mm, 2mm and 1mm.
- 16) A triangle with the sides: 2mm, 2mm and 2mm.
- 17) A triangle with the sides: 7ft, 7ft and 7ft.
- 18) A triangle with the sides: 9cm, 9cm and 6cm.
- 19) A triangle with the sides: 6mm, 5mm and 4mm.
- 20) A triangle with the sides: 8mm, 8mm and 1mm.

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1. **i**
2. **i**
3. **i**
4. **p**
5. **p**
6. **p**
7. **p**
8. **i**
9. **i**
10. **p**
11. **p**
12. **p**
13. **i**
14. **i**
15. **i**
16. **p**
17. **p**
18. **p**
19. **p**
20. **p**