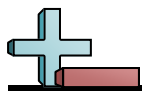


**Determine if the statement is possible(p) or impossible(i).****Answers**

- 1) A triangle with the angles: 55° , 37° and 78°
- 2) A triangle with the angles: 36° , 58° and 65°
- 3) A triangle with the angles: 91° , 21° and 67°
- 4) A triangle with the angles: 105° , 49° and 26°
- 5) A triangle with the angles: 52° , 76° and 26°
- 6) A triangle with the angles: 80° , 59° and 23°
- 7) A triangle with the angles: 45° , 8° and 127°
- 8) A triangle with the angles: 2° , 6° and 170°
- 9) A triangle with the angles: 9° , 73° and 98°
- 10) A triangle with the angles: 12° , 16° and 124°
- 11) A triangle with the sides: 3cm., 10cm. and 2cm.
- 12) A triangle with the sides: 3mm., 8mm. and 2mm.
- 13) A triangle with the sides: 3mm., 5mm. and 6mm.
- 14) A triangle with the sides: 2ft., 5ft. and 6ft.
- 15) A triangle with the sides: 7in., 8in. and 6in.
- 16) A triangle with the sides: 8in., 8in. and 9in.
- 17) A triangle with the sides: 5in., 6in. and 7in.
- 18) A triangle with the sides: 4cm., 4cm. and 9cm.
- 19) A triangle with the sides: 8ft., 8ft. and 9ft.
- 20) A triangle with the sides: 3ft., 2ft. and 4ft.

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Answers

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