

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

- 1) A triangle with the angles: 56° , 67° and 49° .
- 2) A triangle with the angles: 104° , 39° and 37° .
- 3) A triangle with the angles: 11° , 6° and 141° .
- 4) A triangle with the angles: 19° , 51° and 97° .
- 5) A triangle with the angles: 19° , 129° and 32° .
- 6) A triangle with the angles: 45° , 56° and 79° .
- 7) A triangle with the angles: 99° , 58° and 23° .
- 8) A triangle with the angles: 19° , 102° and 30° .
- 9) A triangle with the angles: 15° , 60° and 105° .
- 10) A triangle with the angles: 3° , 75° and 102° .
- 11) A triangle with the sides: 5cm, 7cm and 4cm.
- 12) A triangle with the sides: 4cm, 8cm and 3cm.
- 13) A triangle with the sides: 8ft, 8ft and 8ft.
- 14) A triangle with the sides: 5cm, 5cm and 4cm.
- 15) A triangle with the sides: 6in, 5in and 4in.
- 16) A triangle with the sides: 4ft, 9ft and 3ft.
- 17) A triangle with the sides: 4cm, 10cm and 3cm.
- 18) A triangle with the sides: 7in, 7in and 6in.
- 19) A triangle with the sides: 7ft, 2ft and 1ft.
- 20) A triangle with the sides: 6ft, 6ft and 5ft.

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Answers

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