

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

- 1) A triangle with the angles: 38° , 38° and 93° .
- 2) A triangle with the angles: 112° , 67° and 1° .
- 3) A triangle with the angles: 10° , 165° and 5° .
- 4) A triangle with the angles: 13° , 107° and 52° .
- 5) A triangle with the angles: 80° , 10° and 81° .
- 6) A triangle with the angles: 7° , 40° and 133° .
- 7) A triangle with the angles: 6° , 126° and 48° .
- 8) A triangle with the angles: 36° , 70° and 74° .
- 9) A triangle with the angles: 11° , 10° and 152° .
- 10) A triangle with the angles: 7° , 22° and 151° .
- 11) A triangle with the sides: 9cm, 9cm and 2cm.
- 12) A triangle with the sides: 5ft, 6ft and 4ft.
- 13) A triangle with the sides: 2ft, 5ft and 1ft.
- 14) A triangle with the sides: 4cm, 9cm and 3cm.
- 15) A triangle with the sides: 8in, 9in and 7in.
- 16) A triangle with the sides: 8in, 8in and 10in.
- 17) A triangle with the sides: 8mm, 8mm and 3mm.
- 18) A triangle with the sides: 6cm, 6cm and 6cm.
- 19) A triangle with the sides: 4in, 10in and 11in.
- 20) A triangle with the sides: 1in, 1in and 5in.

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