

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

- 1) A triangle with the angles: 38° , 48° and 94° .
- 2) A triangle with the angles: 24° , 42° and 114° .
- 3) A triangle with the angles: 151° , 16° and 7° .
- 4) A triangle with the angles: 49° , 83° and 48° .
- 5) A triangle with the angles: 93° , 57° and 5° .
- 6) A triangle with the angles: 30° , 70° and 59° .
- 7) A triangle with the angles: 47° , 22° and 98° .
- 8) A triangle with the angles: 40° , 65° and 51° .
- 9) A triangle with the angles: 50° , 84° and 46° .
- 10) A triangle with the angles: 48° , 33° and 99° .
- 11) A triangle with the sides: 3cm, 3cm and 3cm.
- 12) A triangle with the sides: 10in, 10in and 10in.
- 13) A triangle with the sides: 3ft, 3ft and 3ft.
- 14) A triangle with the sides: 5mm, 5mm and 5mm.
- 15) A triangle with the sides: 10ft, 10ft and 9ft.
- 16) A triangle with the sides: 6cm, 6cm and 6cm.
- 17) A triangle with the sides: 9ft, 4ft and 10ft.
- 18) A triangle with the sides: 10cm, 10cm and 5cm.
- 19) A triangle with the sides: 2in, 6in and 1in.
- 20) A triangle with the sides: 5in, 5in and 5in.

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