

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

- 1) A triangle with the angles: 71° , 21° and 74° .
- 2) A triangle with the angles: 7° , 6° and 167° .
- 3) A triangle with the angles: 38° , 46° and 74° .
- 4) A triangle with the angles: 90° , 9° and 81° .
- 5) A triangle with the angles: 19° , 95° and 66° .
- 6) A triangle with the angles: 8° , 165° and 7° .
- 7) A triangle with the angles: 24° , 31° and 125° .
- 8) A triangle with the angles: 20° , 38° and 122° .
- 9) A triangle with the angles: 10° , 24° and 118° .
- 10) A triangle with the angles: 52° , 117° and 11° .
- 11) A triangle with the sides: 4in, 4in and 10in.
- 12) A triangle with the sides: 9cm, 2cm and 10cm.
- 13) A triangle with the sides: 7in, 7in and 4in.
- 14) A triangle with the sides: 9mm, 9mm and 9mm.
- 15) A triangle with the sides: 3ft, 10ft and 2ft.
- 16) A triangle with the sides: 7ft, 4ft and 3ft.
- 17) A triangle with the sides: 6mm, 6mm and 5mm.
- 18) A triangle with the sides: 6mm, 6mm and 6mm.
- 19) A triangle with the sides: 2cm, 10cm and 11cm.
- 20) A triangle with the sides: 2ft, 4ft and 5ft.

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- 20) A triangle with the sides: 2ft, 4ft and 5ft.

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