

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

- 1) A triangle with the angles: 23° , 109° and 42° .
- 2) A triangle with the angles: 5° , 140° and 20° .
- 3) A triangle with the angles: 51° , 26° and 97° .
- 4) A triangle with the angles: 4° , 58° and 102° .
- 5) A triangle with the angles: 28° , 124° and 28° .
- 6) A triangle with the angles: 41° , 97° and 16° .
- 7) A triangle with the angles: 104° , 18° and 47° .
- 8) A triangle with the angles: 101° , 56° and 23° .
- 9) A triangle with the angles: 24° , 103° and 49° .
- 10) A triangle with the angles: 35° , 16° and 114° .
- 11) A triangle with the sides: 7cm, 7cm and 7cm.
- 12) A triangle with the sides: 5ft, 9ft and 4ft.
- 13) A triangle with the sides: 7mm, 7mm and 6mm.
- 14) A triangle with the sides: 3ft, 3ft and 3ft.
- 15) A triangle with the sides: 10mm, 10mm and 9mm.
- 16) A triangle with the sides: 8mm, 5mm and 4mm.
- 17) A triangle with the sides: 8in, 2in and 9in.
- 18) A triangle with the sides: 5cm, 3cm and 6cm.
- 19) A triangle with the sides: 8mm, 10mm and 7mm.
- 20) A triangle with the sides: 3in, 10in and 2in.

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- 20) A triangle with the sides: 3in, 10in and 2in.

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