

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

- 1) A triangle with the angles: 56° , 24° and 100° .
- 2) A triangle with the angles: 89° , 56° and 23° .
- 3) A triangle with the angles: 52° , 81° and 47° .
- 4) A triangle with the angles: 77° , 47° and 34° .
- 5) A triangle with the angles: 175° , 4° and 1° .
- 6) A triangle with the angles: 57° , 39° and 84° .
- 7) A triangle with the angles: 8° , 27° and 145° .
- 8) A triangle with the angles: 169° , 7° and 4° .
- 9) A triangle with the angles: 2° , 13° and 165° .
- 10) A triangle with the angles: 56° , 21° and 103° .
- 11) A triangle with the sides: 7ft, 4ft and 3ft.
- 12) A triangle with the sides: 3mm, 6mm and 2mm.
- 13) A triangle with the sides: 5ft, 10ft and 4ft.
- 14) A triangle with the sides: 2ft, 5ft and 6ft.
- 15) A triangle with the sides: 9in, 5in and 10in.
- 16) A triangle with the sides: 6cm, 9cm and 5cm.
- 17) A triangle with the sides: 9in, 9in and 8in.
- 18) A triangle with the sides: 8ft, 8ft and 8ft.
- 19) A triangle with the sides: 3mm, 3mm and 3mm.
- 20) A triangle with the sides: 5mm, 5mm and 7mm.

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- 15) A triangle with the sides: 9in, 5in and 10in.
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- 18) A triangle with the sides: 8ft, 8ft and 8ft.
- 19) A triangle with the sides: 3mm, 3mm and 3mm.
- 20) A triangle with the sides: 5mm, 5mm and 7mm.

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