

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

- 1) A triangle with the angles: 43° , 4° and 133° .
- 2) A triangle with the angles: 44° , 54° and 82° .
- 3) A triangle with the angles: 19° , 130° and 13° .
- 4) A triangle with the angles: 10° , 1° and 169° .
- 5) A triangle with the angles: 49° , 60° and 54° .
- 6) A triangle with the angles: 16° , 140° and 24° .
- 7) A triangle with the angles: 176° , 1° and 3° .
- 8) A triangle with the angles: 148° , 5° and 8° .
- 9) A triangle with the angles: 71° , 82° and 20° .
- 10) A triangle with the angles: 33° , 100° and 25° .
- 11) A triangle with the sides: 1cm, 1cm and 10cm.
- 12) A triangle with the sides: 5ft, 9ft and 4ft.
- 13) A triangle with the sides: 2cm, 2cm and 2cm.
- 14) A triangle with the sides: 7ft, 7ft and 9ft.
- 15) A triangle with the sides: 4mm, 4mm and 3mm.
- 16) A triangle with the sides: 6in, 7in and 8in.
- 17) A triangle with the sides: 9ft, 9ft and 7ft.
- 18) A triangle with the sides: 5ft, 6ft and 7ft.
- 19) A triangle with the sides: 3ft, 10ft and 2ft.
- 20) A triangle with the sides: 5in, 5in and 5in.

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

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

- 1) A triangle with the angles: 43° , 4° and 133° .
- 2) A triangle with the angles: 44° , 54° and 82° .
- 3) A triangle with the angles: 19° , 130° and 13° .
- 4) A triangle with the angles: 10° , 1° and 169° .
- 5) A triangle with the angles: 49° , 60° and 54° .
- 6) A triangle with the angles: 16° , 140° and 24° .
- 7) A triangle with the angles: 176° , 1° and 3° .
- 8) A triangle with the angles: 148° , 5° and 8° .
- 9) A triangle with the angles: 71° , 82° and 20° .
- 10) A triangle with the angles: 33° , 100° and 25° .
- 11) A triangle with the sides: 1cm, 1cm and 10cm.
- 12) A triangle with the sides: 5ft, 9ft and 4ft.
- 13) A triangle with the sides: 2cm, 2cm and 2cm.
- 14) A triangle with the sides: 7ft, 7ft and 9ft.
- 15) A triangle with the sides: 4mm, 4mm and 3mm.
- 16) A triangle with the sides: 6in, 7in and 8in.
- 17) A triangle with the sides: 9ft, 9ft and 7ft.
- 18) A triangle with the sides: 5ft, 6ft and 7ft.
- 19) A triangle with the sides: 3ft, 10ft and 2ft.
- 20) A triangle with the sides: 5in, 5in and 5in.

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