

**Determine if the statement is possible(p) or impossible(i).**1) A triangle with the angles: 22° , 8° and 130° .**Answers**

1. _____

2) A triangle with the angles: 14° , 57° and 103° .

2. _____

3) A triangle with the angles: 31° , 131° and 18° .

3. _____

4) A triangle with the angles: 29° , 83° and 53° .

4. _____

5) A triangle with the angles: 100° , 14° and 66° .

5. _____

6) A triangle with the angles: 53° , 51° and 76° .

6. _____

7) A triangle with the angles: 12° , 73° and 95° .

7. _____

8) A triangle with the angles: 70° , 34° and 76° .

8. _____

9) A triangle with the angles: 4° , 170° and 6° .

9. _____

10) A triangle with the angles: 46° , 115° and 19° .

10. _____

11) A triangle with the sides: 6cm, 2cm and 1cm.

11. _____

12) A triangle with the sides: 9cm, 9cm and 9cm.

12. _____

13) A triangle with the sides: 7cm, 4cm and 8cm.

13. _____

14) A triangle with the sides: 8cm, 6cm and 9cm.

14. _____

15) A triangle with the sides: 9mm, 9mm and 9mm.

15. _____

16) A triangle with the sides: 7ft, 5ft and 4ft.

16. _____

17) A triangle with the sides: 4in, 3in and 5in.

17. _____

18) A triangle with the sides: 5ft, 4ft and 6ft.

18. _____

19) A triangle with the sides: 9ft, 7ft and 10ft.

19. _____

20) A triangle with the sides: 5cm, 6cm and 4cm.

20. _____



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- 20) A triangle with the sides: 5cm, 6cm and 4cm.

Answers

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