



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

- 1) A triangle with the angles: 22° , 8° and 130° .
- 2) A triangle with the angles: 14° , 57° and 103° .
- 3) A triangle with the angles: 31° , 131° and 18° .
- 4) A triangle with the angles: 29° , 83° and 53° .
- 5) A triangle with the angles: 100° , 14° and 66° .
- 6) A triangle with the angles: 53° , 51° and 76° .
- 7) A triangle with the angles: 12° , 73° and 95° .
- 8) A triangle with the angles: 70° , 34° and 76° .
- 9) A triangle with the angles: 4° , 170° and 6° .
- 10) A triangle with the angles: 46° , 115° and 19° .
- 11) A triangle with the sides: 6cm, 2cm and 1cm.
- 12) A triangle with the sides: 9cm, 9cm and 9cm.
- 13) A triangle with the sides: 7cm, 4cm and 8cm.
- 14) A triangle with the sides: 8cm, 6cm and 9cm.
- 15) A triangle with the sides: 9mm, 9mm and 9mm.
- 16) A triangle with the sides: 7ft, 5ft and 4ft.
- 17) A triangle with the sides: 4in, 3in and 5in.
- 18) A triangle with the sides: 5ft, 4ft and 6ft.
- 19) A triangle with the sides: 9ft, 7ft and 10ft.
- 20) A triangle with the sides: 5cm, 6cm and 4cm.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
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7. _____
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9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
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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**