



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

- 1) A triangle with the angles: 51° , 9° and 120° .
- 2) A triangle with the angles: 126° , 12° and 35° .
- 3) A triangle with the angles: 1° , 2° and 157° .
- 4) A triangle with the angles: 18° , 9° and 148° .
- 5) A triangle with the angles: 91° , 65° and 10° .
- 6) A triangle with the angles: 89° , 67° and 11° .
- 7) A triangle with the angles: 53° , 94° and 12° .
- 8) A triangle with the angles: 84° , 6° and 90° .
- 9) A triangle with the angles: 59° , 94° and 1° .
- 10) A triangle with the angles: 57° , 7° and 116° .
- 11) A triangle with the sides: 7in, 7in and 7in.
- 12) A triangle with the sides: 10mm, 10mm and 10mm.
- 13) A triangle with the sides: 6mm, 2mm and 1mm.
- 14) A triangle with the sides: 2ft, 10ft and 1ft.
- 15) A triangle with the sides: 6cm, 4cm and 3cm.
- 16) A triangle with the sides: 9mm, 3mm and 2mm.
- 17) A triangle with the sides: 5in, 5in and 5in.
- 18) A triangle with the sides: 9in, 9in and 9in.
- 19) A triangle with the sides: 4in, 2in and 5in.
- 20) A triangle with the sides: 3cm, 5cm and 6cm.

Answers

1. _____
2. _____
3. _____
4. _____
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10. _____
11. _____
12. _____
13. _____
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Answers

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