



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

- 1) A triangle with the angles: 120° , 33° and 27° .
- 2) A triangle with the angles: 96° , 15° and 69° .
- 3) A triangle with the angles: 13° , 57° and 110° .
- 4) A triangle with the angles: 54° , 41° and 83° .
- 5) A triangle with the angles: 159° , 20° and 1° .
- 6) A triangle with the angles: 125° , 10° and 32° .
- 7) A triangle with the angles: 155° , 11° and 7° .
- 8) A triangle with the angles: 128° , 2° and 42° .
- 9) A triangle with the angles: 65° , 90° and 17° .
- 10) A triangle with the angles: 89° , 43° and 48° .
- 11) A triangle with the sides: 6ft, 6ft and 6ft.
- 12) A triangle with the sides: 9ft, 3ft and 2ft.
- 13) A triangle with the sides: 6in, 6in and 6in.
- 14) A triangle with the sides: 3ft, 4ft and 2ft.
- 15) A triangle with the sides: 5in, 5in and 4in.
- 16) A triangle with the sides: 5in, 10in and 4in.
- 17) A triangle with the sides: 9mm, 9mm and 5mm.
- 18) A triangle with the sides: 4mm, 10mm and 3mm.
- 19) A triangle with the sides: 1ft, 1ft and 1ft.
- 20) A triangle with the sides: 6ft, 3ft and 7ft.

Answers

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

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