



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

- 1) A triangle with the angles: 66° , 20° and 79° .
- 2) A triangle with the angles: 3° , 169° and 8° .
- 3) A triangle with the angles: 92° , 46° and 25° .
- 4) A triangle with the angles: 28° , 72° and 80° .
- 5) A triangle with the angles: 41° , 80° and 32° .
- 6) A triangle with the angles: 1° , 1° and 178° .
- 7) A triangle with the angles: 22° , 121° and 22° .
- 8) A triangle with the angles: 21° , 35° and 103° .
- 9) A triangle with the angles: 67° , 43° and 40° .
- 10) A triangle with the angles: 41° , 14° and 125° .
- 11) A triangle with the sides: 4in, 4in and 6in.
- 12) A triangle with the sides: 4mm, 4mm and 4mm.
- 13) A triangle with the sides: 4ft, 8ft and 3ft.
- 14) A triangle with the sides: 7mm, 6mm and 8mm.
- 15) A triangle with the sides: 3cm, 9cm and 2cm.
- 16) A triangle with the sides: 10in, 9in and 11in.
- 17) A triangle with the sides: 6cm, 8cm and 5cm.
- 18) A triangle with the sides: 2ft, 2ft and 4ft.
- 19) A triangle with the sides: 7mm, 10mm and 6mm.
- 20) A triangle with the sides: 4ft, 4ft and 3ft.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
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7. _____
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10. _____
11. _____
12. _____
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- 20) A triangle with the sides: 4ft, 4ft and 3ft.

Answers

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