



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

Answers

- 1) A triangle with the angles:  $5^\circ$ ,  $113^\circ$  and  $41^\circ$ .
- 2) A triangle with the angles:  $34^\circ$ ,  $7^\circ$  and  $109^\circ$ .
- 3) A triangle with the angles:  $122^\circ$ ,  $9^\circ$  and  $44^\circ$ .
- 4) A triangle with the angles:  $82^\circ$ ,  $75^\circ$  and  $23^\circ$ .
- 5) A triangle with the angles:  $46^\circ$ ,  $4^\circ$  and  $117^\circ$ .
- 6) A triangle with the angles:  $4^\circ$ ,  $55^\circ$  and  $95^\circ$ .
- 7) A triangle with the angles:  $134^\circ$ ,  $39^\circ$  and  $7^\circ$ .
- 8) A triangle with the angles:  $38^\circ$ ,  $1^\circ$  and  $141^\circ$ .
- 9) A triangle with the angles:  $62^\circ$ ,  $50^\circ$  and  $43^\circ$ .
- 10) A triangle with the angles:  $33^\circ$ ,  $17^\circ$  and  $130^\circ$ .
- 11) A triangle with the sides: 3ft, 7ft and 2ft.
- 12) A triangle with the sides: 5mm, 2mm and 6mm.
- 13) A triangle with the sides: 9cm, 8cm and 7cm.
- 14) A triangle with the sides: 5mm, 7mm and 4mm.
- 15) A triangle with the sides: 7cm, 8cm and 6cm.
- 16) A triangle with the sides: 10ft, 2ft and 1ft.
- 17) A triangle with the sides: 7in, 7in and 8in.
- 18) A triangle with the sides: 8mm, 2mm and 9mm.
- 19) A triangle with the sides: 9ft, 9ft and 3ft.
- 20) A triangle with the sides: 6mm, 8mm and 9mm.

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- 20) A triangle with the sides: 6mm, 8mm and 9mm.

Answers

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