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. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

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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

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