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. _____
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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20) A triangle with the sides: 6ft, 3ft and 7ft.

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

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