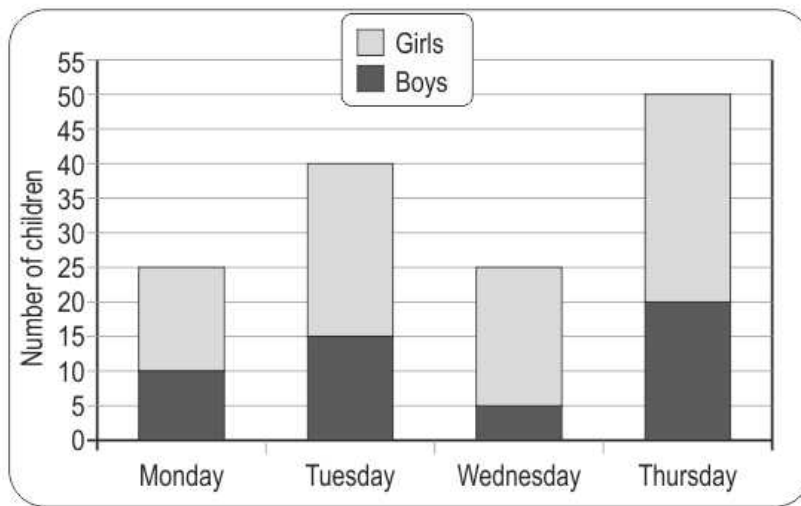


1 p is a variable. Which of these values could $3p$ possibly take?

- | | | | |
|-------|--------|---------|------------|
| (i) 9 | (ii) 7 | (iii) 2 | (iv) 11.75 |
|-------|--------|---------|------------|

- A. only (i)
 B. only (i) and (ii)
 C. only (i), (ii) and (iii)
 D. any - (i), (ii), (iii) or (iv)

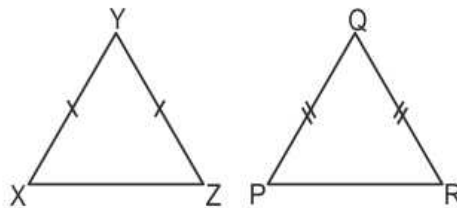
2 The graph below shows the number of boys and girls who visited a park on four days of a week.



On which two days is the percentage of girls in the park that day, the same?

- A. Monday and Tuesday
 B. Monday and Thursday
 C. Tuesday and Thursday
 D. Tuesday and Wednesday

3 XYZ and PQR are two triangles such that $XY = YZ$ and $PQ = QR$.

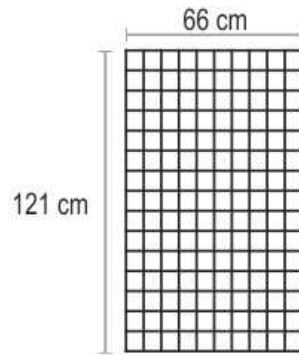


Which of these would help conclude that $\triangle XYZ$ is congruent to $\triangle PQR$?

- A. $XY = XZ$ and $PQ = PR$
 B. $XY = PQ$ and $YZ = QR$
 C. $XY = PQ$ and $\angle XYZ = \angle PQR$
 D. $\angle XZY = \angle PRQ$ and $\angle XYZ = \angle PQR$

4

Shown below is a circle with centre at O and a smaller circle which passes through O .



The radius of the larger circle is 15 cm and that of the smaller circle is 10 cm.

The area of Region 1 is 150π sq cm.

What is the area of Region 2?

- A. 25π sq cm
- B. 30π sq cm
- C. 50π sq cm
- D. 75π sq cm

1 D

2 B

3 C

4 B