

3. 36 unit squares are joined to form a rectangle with the least perimeter.
Perimeter of the rectangle is

- | | |
|--------------|--------------|
| (a) 12 units | (b) 26 units |
| (c) 24 units | (d) 36 units |

4. A wire is bent to form a square of side 22 cm. If the wire is rebent to form a circle, its radius is

- | | | | |
|-----------|-----------|-----------|----------|
| (a) 22 cm | (b) 14 cm | (c) 11 cm | (d) 7 cm |
|-----------|-----------|-----------|----------|

76. A wall of a room is of dimensions $5\text{ m} \times 4\text{ m}$. It has a window of dimensions $1.5\text{ m} \times 1\text{ m}$ and a door of dimensions $2.25\text{ m} \times 1\text{ m}$. Find the area of the wall which is to be painted.

68. The age of Sohan Lal is four times that of his son Amit. If the difference of their ages is 27 years, find the age of Amit.

71. The interest received by Karim is ₹ 30 more than that of Ramesh. If the total interest received by them is ₹ 70, find the interest received by Ramesh.

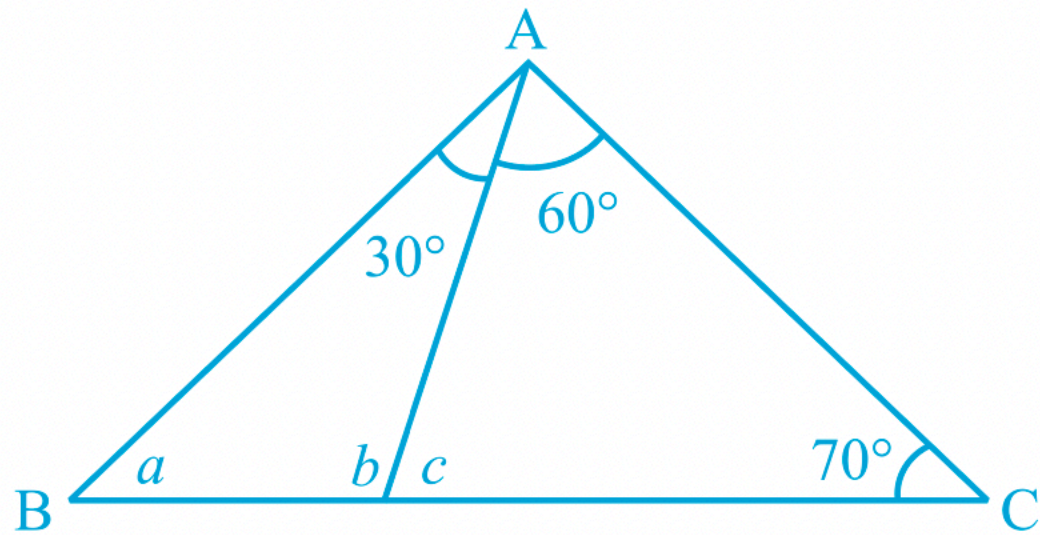
57. Add the following expressions:

(i) $\frac{5}{8}p^4 + 2p^2 + \frac{5}{8}$; $\frac{1}{8} - 17p + \frac{9}{8}p^2$ and $p^5 - p^3 + 7$

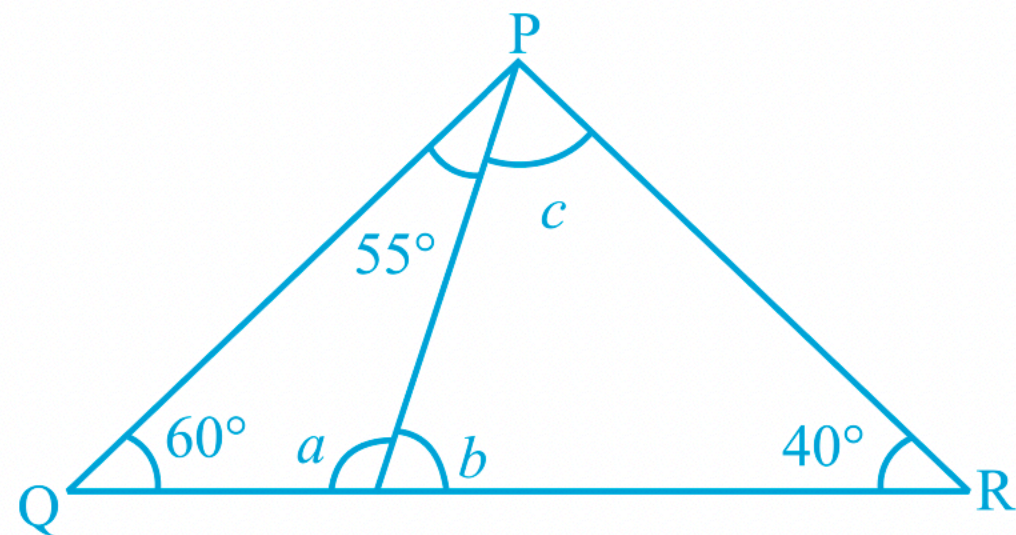
(j) $t - t^2 - t^3 - 14$; $15t^3 + 13 + 9t - 8t^2$; $12t^2 - 19 - 24t$
and $4t - 9t^2 + 19t^3$

63. How much does $93p^2 - 55p + 4$ exceed $13p^3 - 5p^2 + 17p - 90$?

109. In Fig. 6.31(i) and (ii), find the values of a , b and c .



(i)



(ii)

Fig. 6.31

138. Check whether the following measures (in cm) can be the sides of a right-angled triangle or not.

1.5, 3.6, 3.9

2. The value of $\frac{21^3 \times 10^5 \times 125}{2^5 \times 3^3 \times 5^8}$ is _____.

3. The value of $2^{5 \times 2 - 3 - 2}$ is _____.