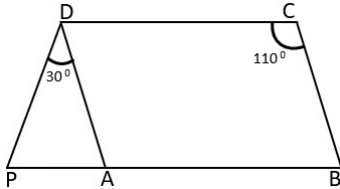


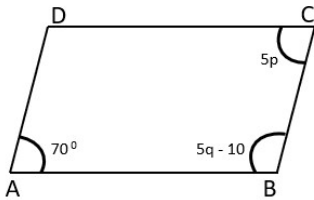
- b) $\angle A = 125^\circ$ and $\angle B = 55^\circ$
- c) $\angle A = 140^\circ$ and $\angle B = 40^\circ$
- d) $\angle A = 144^\circ$ and $\angle A = 36^\circ$

12. In the below given figure ABCD is a parallelogram, $\angle BCD = 110^\circ$ and BA is extended to point P such that $\angle ADP = 30^\circ$. Find $\angle APD$.



- a) 72°
- b) 62°
- c) 80°
- d) 52°

13. Find the value of p and q in the below given parallelogram.

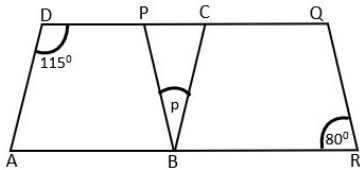


- a) $p = 14, q = 24$
- b) $p = 12, q = 22$
- c) $p = 12, q = 24$
- d) $p = 15, q = 24$

14. ABCD is a parallelogram. Point P and Q are taken on the sides AB and AD respectively and PRQA parallelogram is formed. If $\angle C = 60^\circ$, then find $\angle R$.

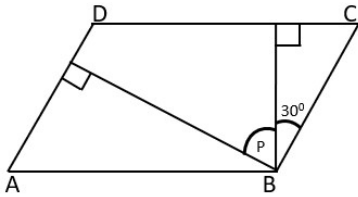
- a) 72°
- b) 70°
- c) 80°
- d) 60°

15. Find the value of p in the below given figure.



- a) $p = 14^\circ$
- b) $p = 12^\circ$
- c) $p = 35^\circ$
- d) $p = 15^\circ$

16. Find the value of p in the below given figure.



- | | |
|-------------------|-------------------|
| a) $p = 54^\circ$ | b) $p = 60^\circ$ |
| c) $p = 35^\circ$ | d) $p = 50^\circ$ |

17. The shorter side of a parallelogram is 5.2 cm and the longer side is twice the length of shorter side. Find the perimeter of the parallelogram.

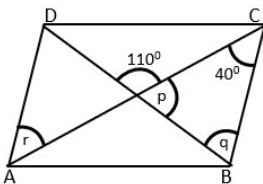
- | | |
|----------|------------|
| a) 31 cm | b) 32 cm |
| c) 35 cm | d) 31.2 cm |

18. Find the value of p in the below given figure.



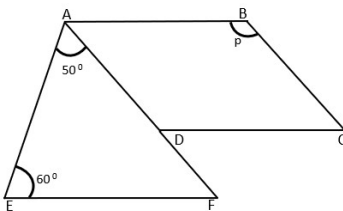
- | | |
|----------------|----------------|
| a) 105° | b) 110° |
| c) 115° | d) 120° |

19. ABCD is a parallelogram, find the value of p , q and r .



- | | |
|---|---|
| a) $p = 70^\circ, q = 70^\circ, r = 30^\circ$ | b) $p = 70^\circ, q = 70^\circ, r = 40^\circ$ |
| c) $p = 80^\circ, q = 70^\circ, r = 30^\circ$ | d) $p = 80^\circ, q = 80^\circ, r = 40^\circ$ |

20. In the below given figure, $CD \parallel EF \parallel AE$ and $AF \parallel BC$. Find the value of p .



- | | |
|----------------|----------------|
| a) 105° | b) 110° |
| c) 115° | d) 120° |