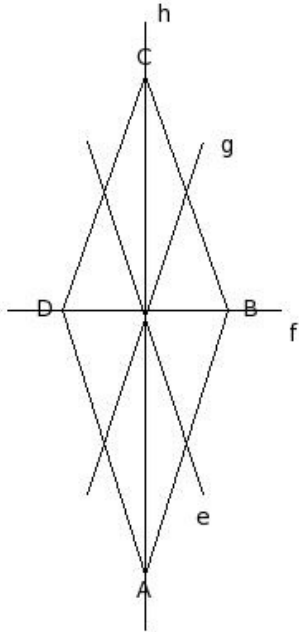


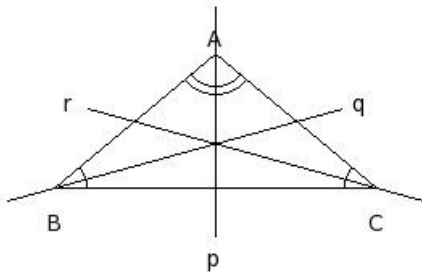


1. Which of the following are line(s) of symmetry for the given kite?



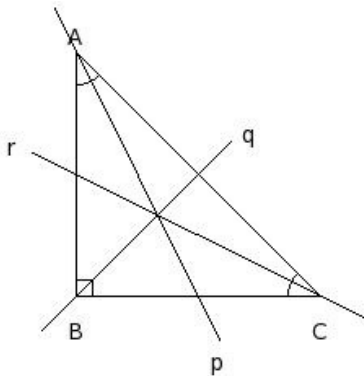
(i) { f, h } (ii) g (iii) f (iv) h (v) none

2. Identify the line(s) of symmetry in the following figure



(i) { p, q, r } (ii) p (iii) r (iv) none (v) q

3. Identify the line(s) of symmetry in the following figure

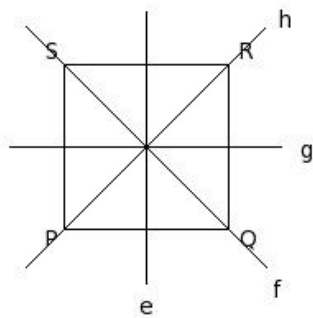


(i) { p, q, r } (ii) p (iii) r (iv) q (v) none

4. The English alphabet letter 'Q' has how many lines of symmetry?

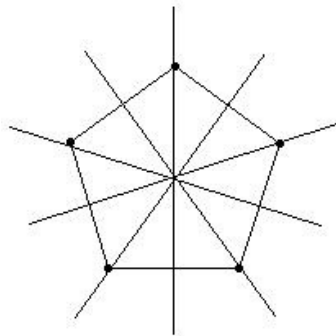
(i) two (ii) zero (iii) infinite (iv) three (v) one

5. Which of the following are line(s) of symmetry for the given square?



- (i) g (ii) f (iii) { f, h } (iv) { e, f, g, h } (v) none

6. Given figure has how many lines of symmetry?



- (i) 4 (ii) 2 (iii) 5 (iv) 7 (v) 6

7. Which of the following figures have one line of symmetry?

- a) isosceles triangle
- b) equilateral triangle
- c) angle with unequal arms
- d) isosceles right angled triangle
- e) right angled triangle
- f) line segment
- g) angle with equal arms
- h) scalene triangle

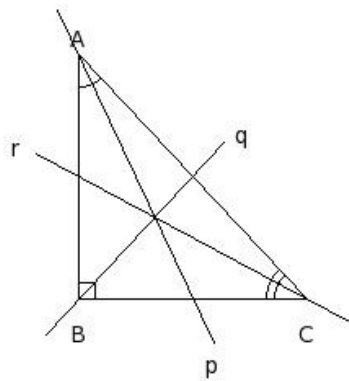
- (i) {h,a,d} (ii) {b,a} (iii) {e,f,g} (iv) {c,d} (v) {a,d,g}

8. A median is an axis of symmetry in which of the given figures?

- a) scalene triangle
- b) right angle triangle
- c) isosceles triangle
- d) isosceles right angled triangle
- e) equilateral triangle

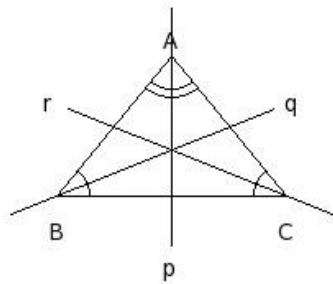
- (i) {a,b,e} (ii) {a,c,d} (iii) {a,c} (iv) {b,d} (v) {c,d,e}

9. Identify the line(s) of symmetry in the following figure



- (i) none (ii) { p, q, r } (iii) r (iv) p (v) q

10. Identify the line(s) of symmetry in the following figure



- (i) p (ii) r (iii) q (iv) { p, q, r } (v) none

11. Which of the following English alphabet letters have two lines of symmetry?

- (i) J (ii) M (iii) P (iv) T (v) I

12. Which of the following figures have three lines of symmetry?

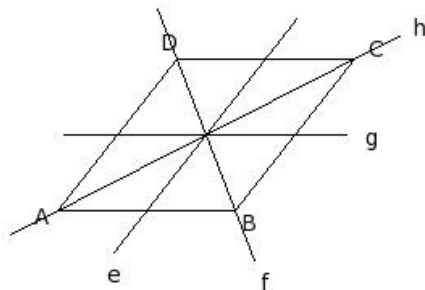
- a) isosceles triangle
- b) right angle triangle
- c) scalene triangle
- d) line segment
- e) isosceles right angled triangle
- f) equilateral triangle

- (i) {c,d,f} (ii) {a,f} (iii) {f} (iv) {b,f} (v) {e,f}

13. Which of the following English alphabet letters have one line of symmetry?

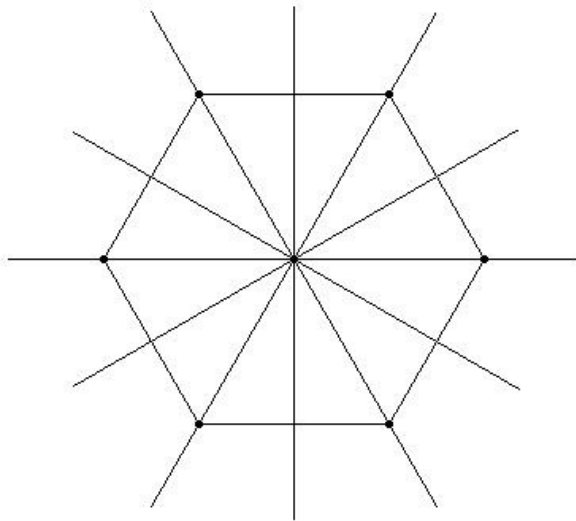
- (i) H (ii) Q (iii) J (iv) W (v) X

14. Which of the following are line(s) of symmetry for the given parallelogram?



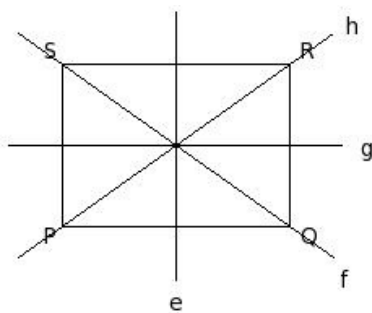
- (i) none (ii) { e, g } (iii) e (iv) { f, h } (v) { e, f, g, h }

15. Given figure has how many lines of symmetry?



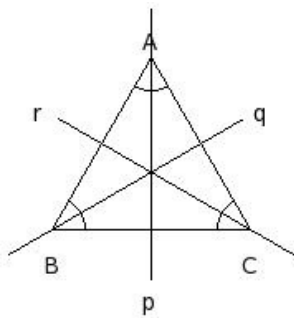
- (i) 4 (ii) 7 (iii) 6 (iv) 5 (v) 9

16. Which of the following are line(s) of symmetry for the given rectangle?



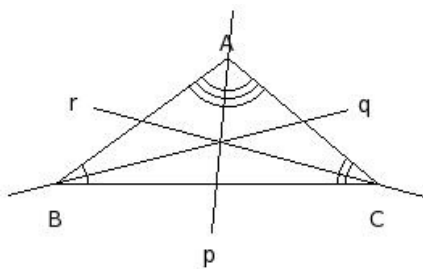
- (i) h (ii) { f, h } (iii) { e, g } (iv) g (v) none

17. Identify the line(s) of symmetry in the following figure



- (i) q (ii) r (iii) none (iv) p (v) { p, q, r }

18. Identify the line(s) of symmetry in the following figure



- (i) r (ii) none (iii) { p, q, r } (iv) p (v) q

19. Which of the following figures have no line of symmetry?

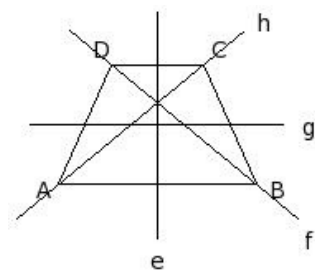
- a) equilateral triangle
- b) scalene triangle
- c) angle with equal arms
- d) isosceles triangle
- e) angle with unequal arms
- f) line segment

(i) {b,e} (ii) {a,e,b} (iii) {a,b} (iv) {c,e} (v) {d,f,b}

20. The English alphabet letter 'H' has how many lines of symmetry?

(i) one (ii) two (iii) zero (iv) infinite (v) three

21. Which of the following are line(s) of symmetry for the given isosceles trapezium?



(i) none (ii) e (iii) { f, h } (iv) h (v) f

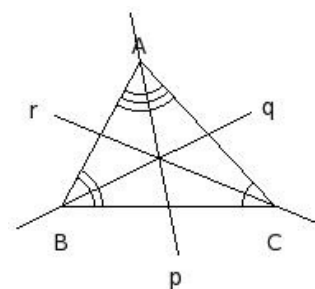
22. Which of the following English alphabet letters have zero lines of symmetry?

(i) F (ii) B (iii) H (iv) X (v) C

23. Which of the following English alphabet letters have infinite lines of symmetry?

(i) X (ii) O (iii) M (iv) E (v) I

24. Identify the line(s) of symmetry in the following figure



(i) none (ii) r (iii) q (iv) p (v) { p, q, r }

25. Which of the following figures have infinite lines of symmetry?

- a) n-sided polygon where n is very large
- b) sector of a circle
- c) semicircle
- d) line segment
- e) circle

(i) {e} (ii) {a,e} (iii) {c,d,e} (iv) {b,e}

## Assignment Key

1) (iv)	2) (ii)	3) (iv)	4) (ii)	5) (iv)	6) (iii)
7) (v)	8) (v)	9) (i)	10) (i)	11) (v)	12) (iii)
13) (iv)	14) (i)	15) (iii)	16) (iii)	17) (v)	18) (ii)
19) (i)	20) (ii)	21) (ii)	22) (i)	23) (ii)	24) (i)
25) (i)					