1. Identify the figure below


K L
(i) nonagon (ii) heptagon (iii) quadrilateral (iv) triangle (v) circle
2. Identify the figure below

(i) octagon (ii) circle (iii) hexagon (iv) pentagon (v) quadrilateral
3. Identify the figure below

(i) circle (ii) hexagon (iii) nonagon (iv) octagon (v) triangle
4. Identify the figure below

(i) octagon (ii) circle (iii) triangle (iv) hexagon (v) pentagon
5. Identify the figure below

(i) decagon (ii) octagon (iii) quadrilateral (iv) angle (v) hexagon
6. Identify the figure below

(i) circle
(ii) nonagon
(iii) octagon
(iv) heptagon
(v) decagon
7. Identify the figure below

(i) octagon (ii) circle (iii) triangle (iv) decagon (v) heptagon
8. Identify the figure below

(i) decagon
(ii) nonagon
(iii) triangle
(iv) circle
(v) octagon
9. Identify the figure below

(i) quadrilateral (ii) triangle (iii) heptagon (iv) decagon (v) pentagon
10. Which of the following figures is a regular quadrilateral?

11. Which of the following is a regular polygon with four sides?
(i) rectangle
(ii) trapezium
(iii) parallelogram
(iv) rhombus
(v) square
12. A polygon with 3 sides is called a
(i) quadrilateral
(ii) hexagon
(iii) triangle (iv) heptagon
(v) decagon
13. A polygon with 4 sides is called a
(i) pentagon
(ii) hexagon
(iii) heptagon (iv) quadrilateral
(v) nonagon
14. A polygon with 5 sides is called a
(i) hexagon
(ii) heptagon
(iii) octagon
(iv) triangle
(v) pentagon
15. A polygon with 6 sides is called a
(i) pentagon
(ii) nonagon
(iii) hexagon (iv) octagon
(v) decagon
16. A polygon with 7 sides is called a
(i) octagon
(ii) triangle
(iii) decagon (iv) heptagon
(v) hexagon
17. A polygon with 8 sides is called an
(i) decagon
(ii) nonagon
(iii) heptagon
(iv) triangle
(v) octagon
18. A polygon with 9 sides is called a
(i) octagon
(ii) pentagon
(iii) nonagon (iv) hexagon
(v) triangle
19. A polygon with 10 sides is called a
(i) heptagon
(ii) nonagon
(iii) hexagon
(iv) triangle
(v) decagon
20. How many sides does a triangle have?
(i) 4
(ii) 3
(iii) 5
(iv) 2
(v) 0
21. How many sides does a quadrilateral have?
(i) 4
(ii) 2
(iii) 6
(iv) 3
(v) 5
22. How many sides does a pentagon have?
(i) 5
(ii) 4
(iii) 2 (iv) 8
(v) 6
23. How many sides does a hexagon have?
(i) 6
(ii) 7
(iii) 5
(iv) 8
(v) 4
24. How many sides does a heptagon have?
(i) 9
(ii) 8
(iii) 6
(iv)
4 (v) 7
25. How many sides does an octagon have?
(i) 7
(ii) 8
8 (iii) 9
(iv) 5
(v) 10
26. How many sides does a nonagon have?
(i) 9
(ii) 8
8 (iii)
11
(iv) 6
(v) 10
27. How many sides does a decagon have?
(i) 11
(ii) 10 (iii)
13 (iv)
(iv) 9 (v) 8
28. Consider the following figure. State which of the following statements are true
a) $\overline{\mathrm{AB}} \neq \overline{\mathrm{BC}}$
b) $\overline{B C}=\overline{C A}$
c) $\overline{B C} \neq \overline{\mathrm{CA}}$
d) $\overline{\mathrm{CA}} \neq \overline{\mathrm{AB}}$
e) $\overline{\mathrm{AB}}=\overline{\mathrm{BC}}$
f) $\overline{\mathrm{CA}}=\overline{\mathrm{AB}}$

(i) $\{a, b\}$ (ii) $\{c, e\}$ (iii) $\{b, e, f\}$ (iv) $\{d, a, f\}$ (v) $\{c, b, e\}$
29. Consider the following figure. State which of the following statements are true
a) $\overline{\mathrm{JH}} \neq \overline{\mathrm{HI}}$
b) $\overline{\mathrm{J}}=\overline{\mathrm{JH}}$
c) $\overline{\mathrm{J}}=\overline{\mathrm{HI}}$
d) $\overline{\mathrm{I}} \neq \overline{\mathrm{JH}}$
e) $\overline{\mathrm{HI}}=\overline{\mathrm{J}}$
f) $\overline{\mathrm{HI}} \neq \overline{\mathrm{J}}$

(i) $\{\mathrm{e}, \mathrm{a}, \mathrm{f}\}$ (ii) $\{\mathrm{b}, \mathrm{c}, \mathrm{d}\}$
(iii) $\{a, c\}$ (iv) $\{b, d\}$ (v) $\{c, d, f\}$
30. Consider the following figure. State which of the following statements are true
a) $\overline{\mathrm{GH}} \neq \overline{\mathrm{HF}}$
b) $\overline{\mathrm{HF}} \neq \overline{\mathrm{FG}}$
c) $\overline{\mathrm{FG}} \neq \overline{\mathrm{GH}}$
d) $\overline{\mathrm{FG}}=\overline{\mathrm{GH}}$
e) $\overline{\mathrm{GH}}=\overline{\mathrm{HF}}$
f) $\overline{\mathrm{HF}}=\overline{\mathrm{FG}}$


G H
(i) $\{a, b, c\}$ (ii) $\{d, a\}$ (iii) $\{f, d, c\}$ (iv) $\{e, a, b\}$ (v) $\{e, b\}$
31. Consider the following figure. State which of the following statements are true
a) $\angle N=\angle O$
b) $\angle M=\angle N$
c) $\angle O=\angle M$
d) $\angle O \neq \angle M$
e) $\angle M \neq \angle N$
f) $\angle N \neq \angle O$

(i) $\{\mathrm{e}, \mathrm{b}\}$
(ii) $\{\mathrm{e}, \mathrm{a}, \mathrm{b}\}$
(iii) $\{\mathrm{f}, \mathrm{d}, \mathrm{c}\}$ (iv) $\{\mathrm{a}, \mathrm{b}, \mathrm{c}\}$ (v) $\{d, a\}$
32. Consider the following figure. State which of the following statements are true
a) $\angle M \neq \angle N$
b) $\angle N=\angle O$
c) $\angle O=\angle M$
d) $\angle N \neq \angle O$
e) $\angle O \neq \angle M$
f) $\angle M=\angle N$

(i) $\{\mathrm{f}, \mathrm{c}, \mathrm{e}\}$ (ii) $\{\mathrm{d}, \mathrm{a}, \mathrm{b}\}$ (iii) $\{\mathrm{c}, \mathrm{a}\}$ (iv) $\{\mathrm{d}, \mathrm{b}\}$ (v) $\{\mathrm{a}, \mathrm{b}, \mathrm{e}\}$
33. Consider the following figure. State which of the following statements are true
a) $\angle N=\angle O$
b) $\angle O \neq \angle M$
c) $\angle N \neq \angle O$
d) $\angle O=\angle M$
e) $\angle M=\angle N$
f) $\angle M \neq \angle N$

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

| 1) (iv) | 2) (v) | 3) (i) | 4) (v) | 5) (v) | 6) (iv) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 7) (i) | 8) (ii) | 9) (iv) | 10) (i) | 11) (v) | 12) (iii) |
| 13) (iv) | 14) (v) | 15) (iii) | 16 ) (iv) | 17) (v) | 18) (iii) |
| 19) (v) | 20) (ii) | 21 ) (i) | 22 ) (i) | 23) (i) | 24) (v) |
| 25) (ii) | 26) (i) | 27) (ii) | $28)$ (iii) | 29) (v) | 30) (i) |
| 31) (iv) | 32) (v) | 33) (iii) |  |  |  |

