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28. A triangle has angles 20° , 40° , 120° . Its type is:
- | | |
|----------------------|-------------------|
| a) Right equilateral | b) Acute scalene |
| c) Acute isosceles | d) Obtuse scalene |
29. A triangle has angles 35° , 65° , 80° . Its type is:
- | | |
|-----------------|----------------|
| a) Scalene | b) Equilateral |
| c) Right-angled | d) Isosceles |
30. A triangle has angles 45° , 55° , 80° . Its type is:
- | | |
|--------------|-----------------|
| a) Isosceles | b) Equilateral |
| c) Scalene | d) Right-angled |



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Answer Keys

- | | | |
|--|--|---|
| 1. c) 6 | 2. b) Equilateral | 3. b) 40 |
| 4. a) 60° , 90° , 30° | 5. a) Isosceles | 6. d) 100 |
| 7. b) Right triangle | 8. a) 57.5° , 80° , 42.5° | 9. a) Scalene |
| 10. a) 60° | 11. d) 27 | 12. b) 20 |
| 13. b) 35 | 14. b) 65 | 15. d) 50° , 60° , 70° |
| 16. d) 25 | 17. d) Equilateral | 18. c) Acute Isosceles |
| 19. a) Scalene Right | 20. a) Isosceles | 21. b) Equilateral |
| 22. b) Obtuse Scalene | 23. c) 30 | 24. c) 45° , 55° , 80° |
| 25. b) 20 | 26. b) 80 | 27. b) Scalene Acute |
| 28. d) Obtuse scalene | 29. a) Scalene | 30. c) Scalene |