

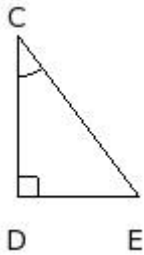
EduSahara™ Learning Center Assignment

Grade : Class X, SSC

Chapter : Trigonometry

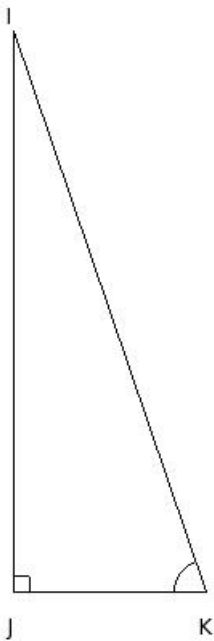
Name : Basics of Trigonometric Ratios

1. In the given figure, $\sin C =$



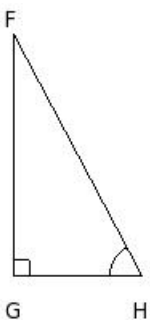
- (i) $\frac{DE}{DC}$ (ii) $\frac{CD}{ED}$ (iii) $\frac{ED}{CD}$ (iv) $\frac{DE}{CE}$ (v) $\frac{FE}{FD}$

2. In the given figure, $\cos K =$



- (i) $\frac{JK}{IK}$ (ii) $\frac{JK}{JI}$ (iii) $\frac{KI}{KJ}$ (iv) $\frac{LK}{LJ}$ (v) $\frac{IK}{IJ}$

3. In the given figure, $\tan H =$



- (i) $\frac{HG}{FG}$ (ii) $\frac{FG}{HG}$ (iii) $\frac{HG}{FG}$ (iv) $\frac{FG}{HG}$ (v) $\frac{HF}{FG}$

IH

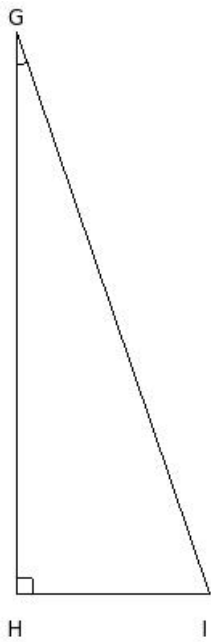
GH

FH

HF

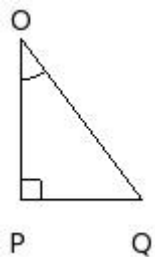
GH

4. In the given figure, $\cot G =$



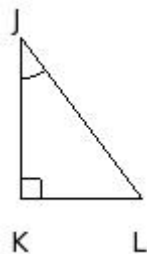
- (i) $\frac{IG}{GH}$ (ii) $\frac{IH}{JI}$ (iii) $\frac{GH}{HI}$ (iv) $\frac{IG}{HI}$ (v) $\frac{GI}{IH}$

5. In the given figure, $\sec O =$



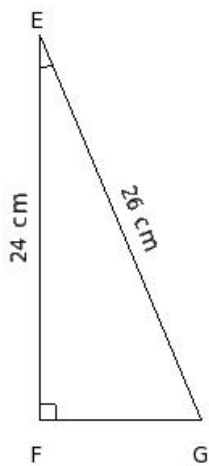
- (i) $\frac{OP}{OQ}$ (ii) $\frac{QP}{QO}$ (iii) $\frac{RP}{QP}$ (iv) $\frac{PO}{QO}$ (v) $\frac{OQ}{OP}$

6. In the given figure, $\operatorname{cosec} J =$



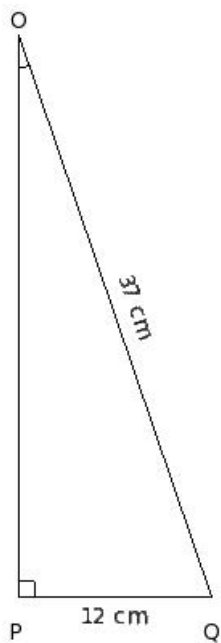
- (i) $\frac{JL}{KL}$ (ii) $\frac{KJ}{KL}$ (iii) $\frac{LK}{JK}$ (iv) $\frac{MK}{ML}$ (v) $\frac{JK}{LK}$

7. In the given figure, $\sin E =$



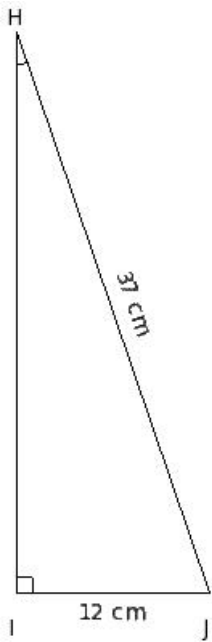
- (i) $\frac{5}{11}$ (ii) $\frac{1}{3}$ (iii) $\frac{5}{13}$ (iv) $\frac{3}{13}$ (v) $\frac{7}{13}$
-

8. In the given figure, $\cos O =$



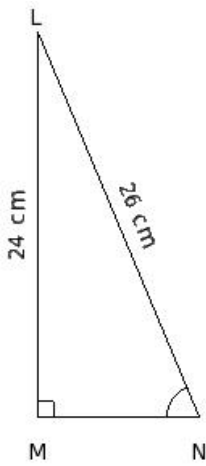
- (i) $\frac{35}{39}$ (ii) 1 (iii) $\frac{35}{37}$ (iv) $\frac{33}{37}$
-

9. In the given figure, $\tan H =$



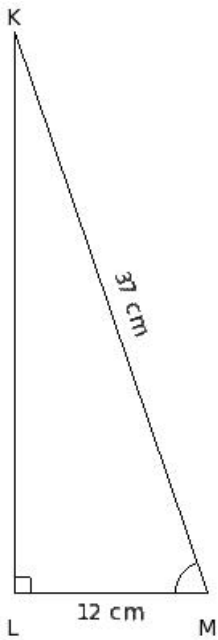
- (i) $\frac{4}{11}$ (ii) $\frac{2}{7}$ (iii) $\frac{12}{37}$ (iv) $\frac{2}{5}$ (v) $\frac{12}{35}$

10. In the given figure, $\cot N =$



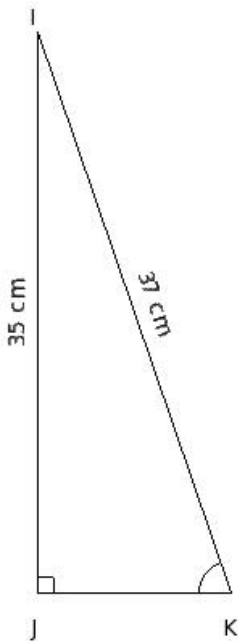
- (i) $\frac{5}{12}$ (ii) $\frac{7}{12}$ (iii) $\frac{1}{4}$ (iv) $\frac{5}{14}$ (v) $\frac{1}{2}$

11. In the given figure, $\sec M =$



- (i) $\frac{13}{4}$ (ii) $\frac{37}{12}$ (iii) $\frac{37}{14}$ (iv) $\frac{35}{12}$ (v) $\frac{37}{10}$

12. In the given figure, cosec K =



- (i) $\frac{39}{35}$ (ii) $\frac{37}{35}$ (iii) $\frac{37}{33}$ (iv) 1

13. In $\triangle MNO$, right angled at N, if $MN = 8$ cm and $NO = 6$ cm, find $\sin O$

- (i) $\frac{4}{7}$ (ii) $\frac{4}{5}$ (iii) $\frac{2}{5}$ (iv) $\frac{6}{5}$ (v) $\frac{4}{3}$

14. In $\triangle HIJ$, right angled at I, if $HI = 24$ cm and $IJ = 10$ cm, find $\cos H$

- (i) $\frac{12}{13}$ (ii) $\frac{4}{5}$ (iii) $\frac{14}{13}$ (iv) $\frac{10}{13}$ (v) $\frac{12}{11}$

15. In $\triangle LMN$, right angled at M, if $LM = 15$ cm and $MN = 8$ cm, find $\tan L$

- (i) $\frac{8}{15}$ (ii) $\frac{2}{5}$ (iii) $\frac{8}{17}$ (iv) $\frac{2}{3}$ (v) $\frac{8}{13}$

16. In $\triangle DEF$, right angled at E, if $DE = 8$ cm and $EF = 6$ cm, find $\cot D$

- (i) 4 (ii) $\frac{2}{3}$ (iii) 2 (iv) $\frac{4}{5}$ (v) $\frac{4}{3}$
-

17. In $\triangle LMN$, right angled at M, if $LM = 8$ cm and $MN = 6$ cm, find $\sec N$

- (i) $\frac{7}{3}$ (ii) $\frac{5}{3}$ (iii) 5 (iv) 1
-

18. In $\triangle IJK$, right angled at J, if $IJ = 15$ cm and $JK = 8$ cm, find $\operatorname{cosec} K$

- (i) $\frac{19}{15}$ (ii) $\frac{17}{15}$ (iii) 1 (iv) $\frac{17}{13}$
-

19. $\sin K =$

- (i) $\frac{1}{\cot K}$ (ii) $\frac{1}{\tan K}$ (iii) $\frac{1}{\cos K}$ (iv) $\frac{1}{\operatorname{cosec} K}$ (v) $\frac{1}{\sec K}$
-

20. $\cos E =$

- (i) $\frac{1}{\operatorname{cosec} E}$ (ii) $\frac{1}{\sec E}$ (iii) $\frac{1}{\sin E}$ (iv) $\frac{1}{\cot E}$ (v) $\frac{1}{\tan E}$
-

21. $\tan J =$

- (i) $\frac{1}{\sec J}$ (ii) $\frac{1}{\sin J}$ (iii) $\frac{1}{\cot J}$ (iv) $\frac{1}{\cos J}$ (v) $\frac{1}{\operatorname{cosec} J}$
-

22. $\cot D =$

- (i) $\frac{1}{\operatorname{cosec} D}$ (ii) $\frac{1}{\sin D}$ (iii) $\frac{1}{\sec D}$ (iv) $\frac{1}{\tan D}$ (v) $\frac{1}{\cos D}$
-

23. $\sec F =$

- (i) $\frac{1}{\sin F}$ (ii) $\frac{1}{\cos F}$ (iii) $\frac{1}{\tan F}$ (iv) $\frac{1}{\operatorname{cosec} F}$ (v) $\frac{1}{\cot F}$
-

24. $\operatorname{cosec} C =$

- (i) $\frac{1}{\sec C}$ (ii) $\frac{1}{\tan C}$ (iii) $\frac{1}{\sin C}$ (iv) $\frac{1}{\cos C}$ (v) $\frac{1}{\cot C}$
-

25. $\frac{\sin}{8} \cos$

Given $N = \frac{17}{15}$, find $\frac{15}{N}$

- (i) $\frac{17}{8}$ (ii) $\frac{15}{17}$ (iii) $\frac{8}{15}$ (iv) $\frac{17}{15}$ (v) $\frac{15}{8}$
-

26. Given $\sin G = \frac{5}{13}$, find $\tan G$

- (i) $\frac{12}{13}$ (ii) $\frac{5}{12}$ (iii) $\frac{13}{12}$ (iv) $\frac{13}{5}$ (v) $\frac{12}{5}$
-

27. Given $\sin B = \frac{5}{13}$, find $\cot B$

- (i) $\frac{12}{5}$ (ii) $\frac{5}{12}$ (iii) $\frac{12}{13}$ (iv) $\frac{13}{5}$ (v) $\frac{13}{12}$
-

28. Given $\sin B = \frac{4}{5}$, find $\sec B$

- (i) $\frac{5}{3}$ (ii) $\frac{4}{3}$ (iii) $\frac{5}{4}$ (iv) $\frac{3}{5}$ (v) $\frac{3}{4}$
-

29. Given $\sin G = \frac{4}{5}$, find $\operatorname{cosec} G$

- (i) $\frac{3}{5}$ (ii) $\frac{5}{4}$ (iii) $\frac{4}{3}$ (iv) $\frac{5}{3}$ (v) $\frac{3}{4}$
-

30. Given $\cos A = \frac{3}{5}$, find $\sin A$

- (i) $\frac{3}{4}$ (ii) $\frac{4}{3}$ (iii) $\frac{5}{3}$ (iv) $\frac{4}{5}$ (v) $\frac{5}{4}$
-

31. Given $\cos B = \frac{4}{5}$, find $\tan B$

- (i) $\frac{5}{3}$ (ii) $\frac{3}{4}$ (iii) $\frac{5}{4}$ (iv) $\frac{3}{5}$ (v) $\frac{4}{3}$
-

32. Given $\cos K = \frac{3}{5}$, find $\cot K$

- (i) $\frac{4}{3}$ (ii) $\frac{3}{4}$ (iii) $\frac{5}{4}$ (iv) $\frac{5}{3}$ (v) $\frac{4}{5}$
-

33. Given $\cos D = \frac{4}{5}$, find $\sec D$

- (i) $\frac{3}{4}$ (ii) $\frac{5}{3}$ (iii) $\frac{4}{3}$ (iv) $\frac{3}{5}$ (v) $\frac{5}{4}$
-

34. Given $\cos D = \frac{3}{5}$, find $\operatorname{cosec} D$

- (i) $\frac{3}{4}$ (ii) $\frac{4}{3}$ (iii) $\frac{4}{5}$ (iv) $\frac{5}{4}$ (v) $\frac{5}{3}$
-

35. Given $\tan F = \frac{5}{12}$, find $\sin F$

- (i) $\frac{12}{13}$ (ii) $\frac{5}{13}$ (iii) $\frac{13}{12}$ (iv) $\frac{13}{5}$ (v) $\frac{12}{5}$

36. Given $\tan A = \frac{5}{12}$, find $\cos A$

- (i) $\frac{12}{13}$ (ii) $\frac{13}{5}$ (iii) $\frac{13}{12}$ (iv) $\frac{12}{5}$ (v) $\frac{5}{13}$

37. Given $\tan P = \frac{8}{15}$, find $\cot P$

- (i) $\frac{15}{8}$ (ii) $\frac{17}{15}$ (iii) $\frac{15}{17}$ (iv) $\frac{8}{17}$ (v) $\frac{17}{8}$

38. Given $\tan B = \frac{5}{12}$, find $\sec B$

- (i) $\frac{13}{12}$ (ii) $\frac{13}{5}$ (iii) $\frac{5}{13}$ (iv) $\frac{12}{5}$ (v) $\frac{12}{13}$

39. Given $\tan D = \frac{4}{3}$, find $\operatorname{cosec} D$

- (i) $\frac{5}{3}$ (ii) $\frac{4}{5}$ (iii) $\frac{5}{4}$ (iv) $\frac{3}{5}$ (v) $\frac{3}{4}$

40. Given $\cot B = \frac{12}{5}$, find $\sin B$

- (i) $\frac{13}{12}$ (ii) $\frac{5}{12}$ (iii) $\frac{12}{13}$ (iv) $\frac{5}{13}$ (v) $\frac{13}{5}$

41. Given $\cot G = \frac{15}{8}$, find $\cos G$

- (i) $\frac{17}{8}$ (ii) $\frac{8}{15}$ (iii) $\frac{8}{17}$ (iv) $\frac{15}{17}$ (v) $\frac{17}{15}$

42. Given $\cot N = \frac{4}{3}$, find $\tan N$

- (i) $\frac{5}{3}$ (ii) $\frac{5}{4}$ (iii) $\frac{4}{5}$ (iv) $\frac{3}{4}$ (v) $\frac{3}{5}$

43. Given $\cot K = \frac{15}{8}$, find $\sec K$

- (i) $\frac{8}{17}$ (ii) $\frac{17}{15}$ (iii) $\frac{8}{15}$ (iv) $\frac{15}{17}$ (v) $\frac{17}{8}$

44. Given $\cot H = \frac{3}{4}$, find $\operatorname{cosec} H$

- (i) $\frac{3}{5}$ (ii) $\frac{4}{5}$ (iii) $\frac{5}{13}$ (iv) $\frac{12}{13}$ (v) $\frac{13}{5}$
-

45. Given $\sec E = \frac{13}{12}$, find $\sin E$

- (i) $\frac{12}{13}$ (ii) $\frac{5}{13}$ (iii) $\frac{5}{12}$ (iv) $\frac{12}{5}$ (v) $\frac{13}{5}$
-

46. Given $\sec P = \frac{5}{4}$, find $\cos P$

- (i) $\frac{3}{5}$ (ii) $\frac{3}{4}$ (iii) $\frac{4}{3}$ (iv) $\frac{5}{3}$ (v) $\frac{4}{5}$
-

47. Given $\sec P = \frac{13}{12}$, find $\tan P$

- (i) $\frac{12}{5}$ (ii) $\frac{13}{5}$ (iii) $\frac{5}{13}$ (iv) $\frac{5}{12}$ (v) $\frac{12}{13}$
-

48. Given $\sec C = \frac{13}{12}$, find $\cot C$

- (i) $\frac{12}{5}$ (ii) $\frac{12}{13}$ (iii) $\frac{5}{12}$ (iv) $\frac{5}{13}$ (v) $\frac{13}{5}$
-

49. Given $\sec J = \frac{17}{15}$, find $\operatorname{cosec} J$

- (i) $\frac{17}{8}$ (ii) $\frac{8}{17}$ (iii) $\frac{15}{8}$ (iv) $\frac{15}{17}$ (v) $\frac{8}{15}$
-

50. Given $\operatorname{cosec} N = \frac{17}{8}$, find $\sin N$

- (i) $\frac{8}{15}$ (ii) $\frac{15}{8}$ (iii) $\frac{8}{17}$ (iv) $\frac{17}{15}$ (v) $\frac{15}{17}$
-

51. Given $\operatorname{cosec} M = \frac{5}{3}$, find $\cos M$

- (i) $\frac{4}{5}$ (ii) $\frac{3}{5}$ (iii) $\frac{3}{4}$ (iv) $\frac{4}{3}$ (v) $\frac{5}{4}$
-

52. Given $\operatorname{cosec} M = \frac{17}{8}$, find $\tan M$

- (i) $\frac{8}{17}$ (ii) $\frac{17}{15}$ (iii) $\frac{8}{15}$ (iv) $\frac{15}{17}$ (v) $\frac{15}{8}$
-

53. Given $\operatorname{cosec} C = \frac{13}{5}$, find $\cot C$

- (i) $\frac{12}{5}$ (ii) $\frac{13}{12}$ (iii) $\frac{12}{13}$ (iv) $\frac{5}{12}$ (v) $\frac{5}{13}$
-

54. Given $\operatorname{cosec} M = \frac{5}{4}$, find $\sec M$

(i) $\frac{3}{5}$ (ii) $\frac{5}{3}$ (iii) $\frac{4}{5}$ (iv) $\frac{4}{3}$ (v) $\frac{3}{4}$

55. Given that $5 \sin \theta = 3$, find $\cos \theta$

(i) $\frac{3}{4}$ (ii) $\frac{4}{3}$ (iii) $\frac{5}{3}$ (iv) $\frac{5}{4}$ (v) $\frac{4}{5}$

56. Given that $5 \sin \theta = 4$, find $\tan \theta$

(i) $\frac{3}{4}$ (ii) $\frac{5}{4}$ (iii) $\frac{5}{3}$ (iv) $\frac{4}{3}$ (v) $\frac{3}{5}$

57. Given that $13 \sin \theta = 5$, find $\cot \theta$

(i) $\frac{13}{5}$ (ii) $\frac{12}{5}$ (iii) $\frac{5}{12}$ (iv) $\frac{13}{12}$ (v) $\frac{12}{13}$

58. Given that $13 \sin \theta = 5$, find $\sec \theta$

(i) $\frac{5}{12}$ (ii) $\frac{13}{5}$ (iii) $\frac{13}{12}$ (iv) $\frac{12}{5}$ (v) $\frac{12}{13}$

59. Given that $5 \sin \theta = 3$, find $\operatorname{cosec} \theta$

(i) $\frac{4}{3}$ (ii) $\frac{4}{5}$ (iii) $\frac{5}{3}$ (iv) $\frac{5}{4}$ (v) $\frac{3}{4}$

60. Given that $17 \cos \theta = 15$, find $\sin \theta$

(i) $\frac{8}{17}$ (ii) $\frac{8}{15}$ (iii) $\frac{17}{8}$ (iv) $\frac{17}{15}$ (v) $\frac{15}{8}$

61. Given that $13 \cos \theta = 12$, find $\tan \theta$

(i) $\frac{12}{5}$ (ii) $\frac{5}{12}$ (iii) $\frac{5}{13}$ (iv) $\frac{13}{12}$ (v) $\frac{13}{5}$

62. Given that $17 \cos \theta = 15$, find $\cot \theta$

(i) $\frac{15}{8}$ (ii) $\frac{8}{15}$ (iii) $\frac{17}{15}$ (iv) $\frac{17}{8}$ (v) $\frac{8}{17}$

63. Given that $13 \cos \theta = 12$, find $\sec \theta$

(i) $\frac{5}{12}$ (ii) $\frac{5}{13}$ (iii) $\frac{13}{5}$ (iv) $\frac{13}{12}$ (v) $\frac{12}{5}$

64. Given that $13 \cos \theta = 12$, find $\operatorname{cosec} \theta$

- (i) $\frac{12}{5}$ (ii) $\frac{13}{5}$ (iii) $\frac{5}{13}$ (iv) $\frac{13}{12}$ (v) $\frac{5}{12}$
-

65. Given that $15 \tan \theta = 8$, find $\sin \theta$

- (i) $\frac{17}{8}$ (ii) $\frac{17}{15}$ (iii) $\frac{15}{17}$ (iv) $\frac{15}{8}$ (v) $\frac{8}{17}$
-

66. Given that $12 \tan \theta = 5$, find $\cos \theta$

- (i) $\frac{5}{13}$ (ii) $\frac{12}{13}$ (iii) $\frac{13}{12}$ (iv) $\frac{12}{5}$ (v) $\frac{13}{5}$
-

67. Given that $15 \tan \theta = 8$, find $\cot \theta$

- (i) $\frac{15}{8}$ (ii) $\frac{15}{17}$ (iii) $\frac{17}{15}$ (iv) $\frac{8}{17}$ (v) $\frac{17}{8}$
-

68. Given that $4 \tan \theta = 3$, find $\sec \theta$

- (i) $\frac{4}{3}$ (ii) $\frac{3}{5}$ (iii) $\frac{4}{5}$ (iv) $\frac{5}{4}$ (v) $\frac{5}{3}$
-

69. Given that $4 \tan \theta = 3$, find $\operatorname{cosec} \theta$

- (i) $\frac{4}{3}$ (ii) $\frac{5}{4}$ (iii) $\frac{4}{5}$ (iv) $\frac{3}{5}$ (v) $\frac{5}{3}$
-

70. Given that $5 \cot \theta = 12$, find $\sin \theta$

- (i) $\frac{12}{13}$ (ii) $\frac{13}{5}$ (iii) $\frac{5}{13}$ (iv) $\frac{5}{12}$ (v) $\frac{13}{12}$
-

71. Given that $4 \cot \theta = 3$, find $\cos \theta$

- (i) $\frac{5}{3}$ (ii) $\frac{5}{4}$ (iii) $\frac{3}{5}$ (iv) $\frac{4}{3}$ (v) $\frac{4}{5}$
-

72. Given that $5 \cot \theta = 12$, find $\tan \theta$

- (i) $\frac{5}{12}$ (ii) $\frac{13}{12}$ (iii) $\frac{13}{5}$ (iv) $\frac{12}{13}$ (v) $\frac{5}{13}$
-

73. Given that $5 \cot \theta = 12$, find $\sec \theta$

- 5 12 13 13 5

- (i) $\frac{1}{12}$ (ii) $\frac{1}{13}$ (iii) $\frac{5}{5}$ (iv) $\frac{1}{12}$ (v) $\frac{1}{13}$
-

74. Given that $4 \cot \theta = 3$, find $\operatorname{cosec} \theta$

- (i) $\frac{5}{4}$ (ii) $\frac{3}{5}$ (iii) $\frac{4}{3}$ (iv) $\frac{4}{5}$ (v) $\frac{5}{3}$
-

75. Given that $15 \sec \theta = 17$, find $\sin \theta$

- (i) $\frac{15}{17}$ (ii) $\frac{8}{17}$ (iii) $\frac{17}{8}$ (iv) $\frac{8}{15}$ (v) $\frac{15}{8}$
-

76. Given that $4 \sec \theta = 5$, find $\cos \theta$

- (i) $\frac{3}{4}$ (ii) $\frac{5}{3}$ (iii) $\frac{4}{3}$ (iv) $\frac{4}{5}$ (v) $\frac{3}{5}$
-

77. Given that $12 \sec \theta = 13$, find $\tan \theta$

- (i) $\frac{5}{12}$ (ii) $\frac{5}{13}$ (iii) $\frac{12}{13}$ (iv) $\frac{13}{5}$ (v) $\frac{12}{5}$
-

78. Given that $3 \sec \theta = 5$, find $\cot \theta$

- (i) $\frac{4}{3}$ (ii) $\frac{3}{4}$ (iii) $\frac{3}{5}$ (iv) $\frac{5}{4}$ (v) $\frac{4}{5}$
-

79. Given that $3 \sec \theta = 5$, find $\operatorname{cosec} \theta$

- (i) $\frac{5}{4}$ (ii) $\frac{4}{3}$ (iii) $\frac{3}{4}$ (iv) $\frac{3}{5}$ (v) $\frac{4}{5}$
-

80. Given that $5 \operatorname{cosec} \theta = 13$, find $\sin \theta$

- (i) $\frac{5}{12}$ (ii) $\frac{12}{5}$ (iii) $\frac{13}{12}$ (iv) $\frac{12}{13}$ (v) $\frac{5}{13}$
-

81. Given that $5 \operatorname{cosec} \theta = 13$, find $\cos \theta$

- (i) $\frac{13}{12}$ (ii) $\frac{12}{5}$ (iii) $\frac{5}{12}$ (iv) $\frac{12}{13}$ (v) $\frac{5}{13}$
-

82. Given that $8 \operatorname{cosec} \theta = 17$, find $\tan \theta$

- (i) $\frac{15}{17}$ (ii) $\frac{8}{17}$ (iii) $\frac{17}{15}$ (iv) $\frac{8}{15}$ (v) $\frac{15}{8}$
-

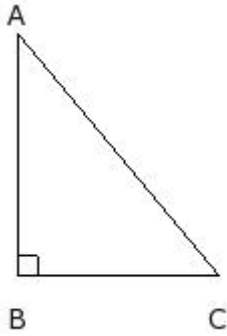
83. Given that $8 \operatorname{cosec} \theta = 17$, find $\cot \theta$

- (i) $\frac{8}{15}$ (ii) $\frac{17}{15}$ (iii) $\frac{15}{8}$ (iv) $\frac{8}{17}$ (v) $\frac{15}{17}$

84. Given that $3 \operatorname{cosec} \theta = 5$, find $\sec \theta$

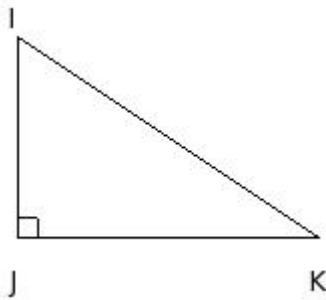
- (i) $\frac{3}{4}$ (ii) $\frac{4}{3}$ (iii) $\frac{5}{4}$ (iv) $\frac{4}{5}$ (v) $\frac{3}{5}$

85. From the given figure, find $\sin(90^\circ - A)$



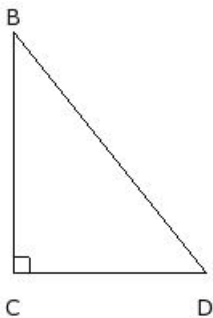
- (i) $\frac{AB}{BC}$ (ii) $\frac{AB}{AC}$ (iii) $\frac{BC}{AC}$ (iv) $\frac{BC}{AB}$ (v) $\frac{AC}{BC}$

86. From the given figure, find $\cos(90^\circ - K)$



- (i) $\frac{IJ}{IK}$ (ii) $\frac{IJ}{JK}$ (iii) $\frac{JK}{IJ}$ (iv) $\frac{IK}{JK}$ (v) $\frac{JK}{IK}$

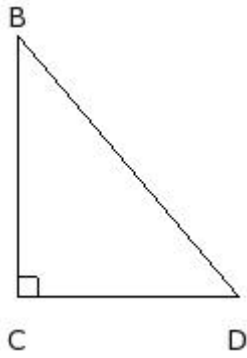
87. From the given figure, find $\tan(90^\circ - B)$



- (i) $\frac{BD}{CD}$ (ii) $\frac{BD}{BC}$ (iii) $\frac{BC}{CD}$ (iv) $\frac{CD}{BD}$ (v) $\frac{BC}{BD}$

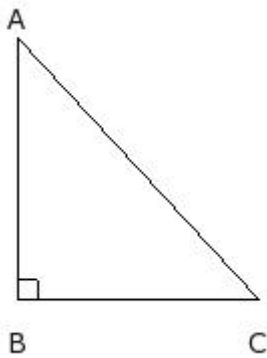
88. $\operatorname{cosec}(90^\circ - D)$

From the given figure, find



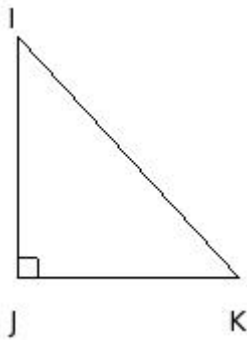
- (i) $\frac{BD}{BC}$ (ii) $\frac{CD}{BC}$ (iii) $\frac{BC}{BD}$ (iv) $\frac{BC}{CD}$ (v) $\frac{BD}{CD}$
-

89. From the given figure, find $\sec(90^\circ - C)$



- (i) $\frac{AC}{BC}$ (ii) $\frac{AC}{AB}$ (iii) $\frac{BC}{AC}$ (iv) $\frac{AB}{BC}$ (v) $\frac{BC}{AB}$
-

90. From the given figure, find $\cot(90^\circ - I)$



- (i) $\frac{IJ}{IK}$ (ii) $\frac{JK}{IJ}$ (iii) $\frac{IK}{JK}$ (iv) $\frac{JK}{IK}$ (v) $\frac{IK}{IJ}$
-

Assignment Key

- 1) (iv)
- 2) (i)
- 3) (ii)
- 4) (iii)
- 5) (v)
- 6) (i)
- 7) (iii)
- 8) (iii)
- 9) (v)
- 10) (i)
- 11) (ii)
- 12) (ii)
- 13) (ii)
- 14) (i)
- 15) (i)
- 16) (v)
- 17) (ii)
- 18) (ii)
- 19) (iv)
- 20) (ii)
- 21) (iii)
- 22) (iv)
- 23) (ii)
- 24) (iii)
- 25) (ii)
- 26) (ii)
- 27) (i)
- 28) (i)
- 29) (ii)
- 30) (iv)
- 31) (ii)
- 32) (ii)
- 33) (v)
- 34) (iv)
- 35) (ii)
- 36) (i)
- 37) (i)
- 38) (i)
- 39) (iii)
- 40) (iv)
- 41) (iv)
- 42) (iv)
- 43) (ii)
- 44) (v)
- 45) (ii)
- 46) (v)
- 47) (iv)
- 48) (i)
- 49) (i)
- 50) (iii)
- 51) (i)
- 52) (iii)
- 53) (i)
- 54) (ii)
- 55) (v)

- 56) (iv)
- 57) (ii)
- 58) (iii)
- 59) (iii)
- 60) (i)
- 61) (ii)
- 62) (i)
- 63) (iv)
- 64) (ii)
- 65) (v)
- 66) (ii)
- 67) (i)
- 68) (iv)
- 69) (v)
- 70) (iii)
- 71) (iii)
- 72) (i)
- 73) (iv)
- 74) (i)
- 75) (ii)
- 76) (iv)
- 77) (i)
- 78) (ii)
- 79) (i)
- 80) (v)
- 81) (iv)
- 82) (iv)
- 83) (iii)
- 84) (iii)
- 85) (ii)
- 86) (i)
- 87) (iii)
- 88) (v)
- 89) (ii)
- 90) (ii)