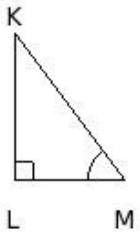
EduSahara™ Assignment

Name : Basics of Trigonometric Ratios

Chapter : Trigonometry

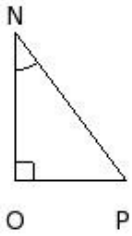
Grade : SSC Grade X

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



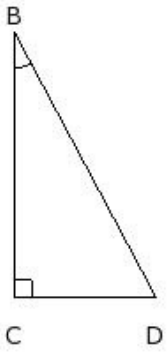
(i) $\frac{KL}{ML}$ (ii) $\frac{KL}{KM}$ (iii) $\frac{ML}{KL}$ (iv) $\frac{ML}{NL}$ (v) $\frac{MK}{LK}$

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



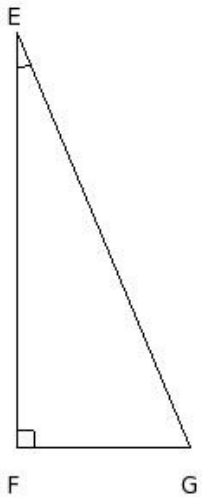
(i) $\frac{PN}{PO}$ (ii) $\frac{NP}{NO}$ (iii) $\frac{NO}{NP}$ (iv) $\frac{PN}{ON}$ (v) $\frac{PO}{QO}$

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



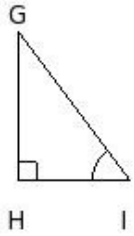
(i) $\frac{BC}{DB}$ (ii) $\frac{CD}{BC}$ (iii) $\frac{DC}{BD}$ (iv) $\frac{CD}{DB}$ (v) $\frac{ED}{DC}$

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



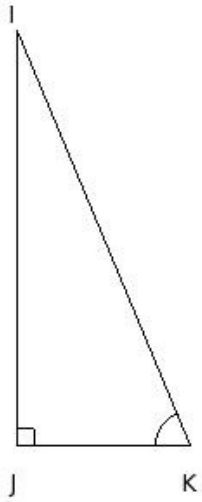
(i) $\frac{EG}{GF}$ (ii) $\frac{EF}{FG}$ (iii) $\frac{GE}{EF}$ (iv) $\frac{GF}{HG}$ (v) $\frac{GE}{FG}$

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



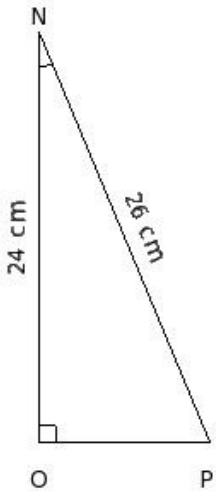
(i) $\frac{HG}{HI}$ (ii) $\frac{JH}{JI}$ (iii) $\frac{IH}{IG}$ (iv) $\frac{GH}{GI}$ (v) $\frac{GI}{HI}$

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



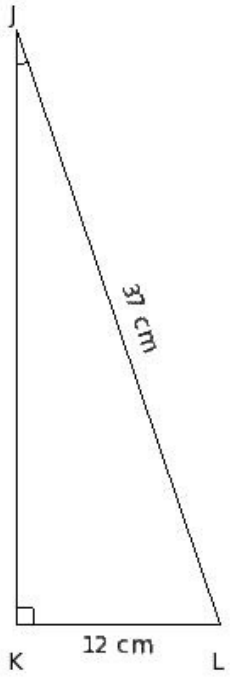
(i) $\frac{JI}{KI}$ (ii) $\frac{IK}{IJ}$ (iii) $\frac{KJ}{IJ}$ (iv) $\frac{LJ}{KJ}$ (v) $\frac{IJ}{KJ}$

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



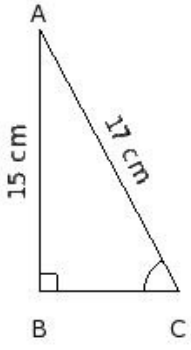
(i) $\frac{3}{13}$ (ii) $\frac{5}{11}$ (iii) $\frac{7}{13}$ (iv) $\frac{1}{3}$ (v) $\frac{5}{13}$

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



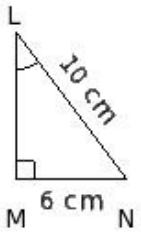
(i) $\frac{35}{37}$ (ii) $\frac{35}{39}$ (iii) 1 (iv) $\frac{33}{37}$

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



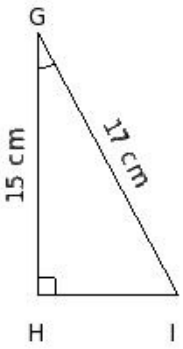
(i) $\frac{5}{2}$ (ii) $\frac{13}{8}$ (iii) $\frac{15}{8}$ (iv) $\frac{3}{2}$ (v) $\frac{17}{8}$

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



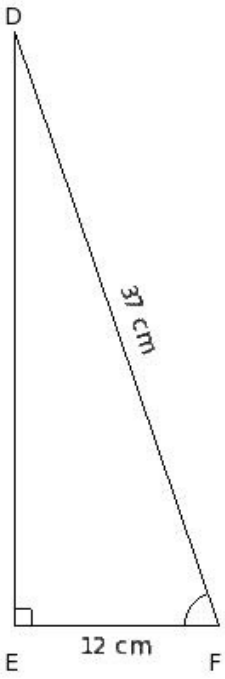
(i) $\frac{2}{3}$ (ii) 2 (iii) 4 (iv) $\frac{4}{3}$ (v) $\frac{4}{5}$

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



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

12. In the given figure, $\operatorname{cosec} F$ =



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

13. In $\triangle JKL$, right angled at K, if JK = 24 cm and KL = 10 cm, find $\sin L$

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

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

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

15. In $\triangle IJK$, right angled at J, if $IJ = 24$ cm and $JK = 10$ cm, find $\tan I$

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

16. In $\triangle OPQ$, right angled at P, if $OP = 35$ cm and $PQ = 12$ cm, find $\cot O$

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

17. In $\triangle GHI$, right angled at H, if $GH = 8$ cm and $HI = 6$ cm, find $\sec G$

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

18. In $\triangle KLM$, right angled at L, if $KL = 24$ cm and $LM = 10$ cm, find $\operatorname{cosec} M$

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

19. $\sin K =$

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

20. $\cos H =$

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

21. $\tan A =$

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

22. $\cot L =$

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

23. $\sec B =$

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

24. $\operatorname{cosec} M =$

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

25. Given $\sin D = \frac{8}{17}$, find $\cos D$

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

26. Given $\sin M = \frac{3}{5}$, find $\tan M$

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

27. Given $\sin A = \frac{4}{5}$, find $\cot A$

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

28. Given $\sin B = \frac{5}{13}$, find $\sec B$

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

29. Given $\sin K = \frac{8}{17}$, find $\operatorname{cosec} K$

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

30. Given $\cos G = \frac{15}{17}$, find $\sin G$

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

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

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

32. Given $\cos J = \frac{12}{13}$, find $\cot J$

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

33. Given $\cos E = \frac{15}{17}$, find $\sec E$

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

34. Given $\cos N = \frac{4}{5}$, find $\operatorname{cosec} N$

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

35. Given $\tan P = \frac{4}{3}$, find $\sin P$

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

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

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

37. Given $\tan C = \frac{5}{12}$, find $\cot C$

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

38. Given $\tan N = \frac{4}{3}$, find $\sec N$

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

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

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

40. Given $\cot J = \frac{4}{3}$, find $\sin J$

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

41. Given $\cot G = \frac{12}{5}$, find $\cos G$

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

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

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

43. Given $\cot D = \frac{4}{3}$, find $\sec D$

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

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

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

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45. Given $\sec D = \frac{5}{4}$, find $\sin D$

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

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46. Given $\sec F = \frac{13}{12}$, find $\cos F$

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

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

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

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48. Given $\sec H = \frac{17}{15}$, find $\cot H$

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

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49. Given $\sec P = \frac{13}{12}$, find $\operatorname{cosec} P$

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

---

50. Given $\operatorname{cosec} K = \frac{5}{3}$, find $\sin K$

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

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51. Given $\operatorname{cosec} F = \frac{5}{4}$, find $\cos F$

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

52. Given $\operatorname{cosec} M = \frac{5}{3}$, find $\tan M$

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

---

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

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

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54. Given $\operatorname{cosec} B = \frac{17}{8}$, find $\sec B$

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

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

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

---

56. Given that $5\sin\theta = 3$, find $\tan\theta$

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

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

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

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58. Given that $17\sin\theta = 8$, find $\sec\theta$

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

---

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

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

---

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

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

---

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

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

62. Given that $5\cos\theta = 4$, find $\cot\theta$

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

63. Given that $17\cos\theta = 15$, find $\sec\theta$

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

64. Given that $17\cos\theta = 15$, find $\operatorname{cosec}\theta$

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

65. Given that $4\tan\theta = 3$, find $\sin\theta$

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

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

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

67. Given that $3\tan\theta = 4$, find $\cot\theta$

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

68. Given that $15\tan\theta = 8$, find $\sec\theta$

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

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

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

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

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

71. Given that $5\cot\theta = 12$, find $\cos\theta$

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

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

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

73. Given that $8\cot\theta = 15$, find $\sec\theta$

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

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

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

75. Given that $12\sec\theta = 13$, find $\sin\theta$

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

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

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

77. Given that $15\sec\theta = 17$, find $\tan\theta$

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

78. Given that $15\sec\theta = 17$, find $\cot\theta$

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

79. Given that $15\sec\theta = 17$, find $\operatorname{cosec}\theta$

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

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

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

81. Given that $3\operatorname{cosec}\theta = 5$, find $\cos\theta$

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

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

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

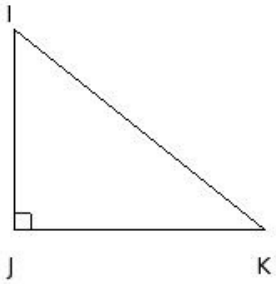
83. Given that $5\operatorname{cosec}\theta = 13$, find $\cot\theta$

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

84. Given that $4\operatorname{cosec}\theta = 5$, find $\sec\theta$

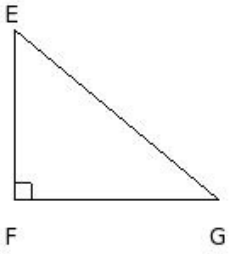
(i) $\frac{5}{3}$ (ii) $\frac{3}{4}$ (iii) $\frac{4}{5}$ (iv) $\frac{3}{5}$ (v) $\frac{4}{3}$

85. From the given figure, find $\sin(90 - K)$



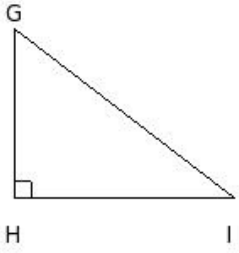
(i) $\frac{JK}{IJ}$ (ii) $\frac{IK}{IJ}$ (iii) $\frac{IJ}{JK}$ (iv) $\frac{IJ}{IK}$ (v) $\frac{JK}{IK}$

86. From the given figure, find $\cos(90 - E)$



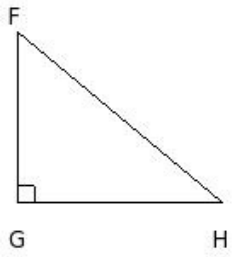
(i) $\frac{EF}{FG}$ (ii) $\frac{FG}{EF}$ (iii) $\frac{EG}{EF}$ (iv) $\frac{FG}{EG}$ (v) $\frac{EF}{EG}$

87. From the given figure, find $\tan(90 - I)$



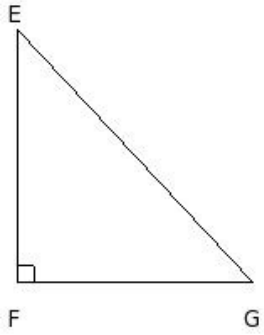
(i) $\frac{GH}{GI}$ (ii) $\frac{GI}{GH}$ (iii) $\frac{HI}{GI}$ (iv) $\frac{HI}{GH}$ (v) $\frac{GI}{HI}$

88. From the given figure, find $\operatorname{cosec}(90 - F)$



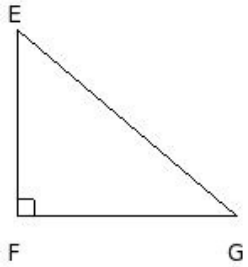
(i) $\frac{FG}{GH}$ (ii) $\frac{GH}{FH}$ (iii) $\frac{FH}{FG}$ (iv) $\frac{FH}{GH}$ (v) $\frac{GH}{FG}$

89. From the given figure, find $\sec(90 - G)$



(i) $\frac{EG}{EF}$ (ii) $\frac{FG}{EG}$ (iii) $\frac{EF}{FG}$ (iv) $\frac{FG}{EF}$ (v) $\frac{EG}{FG}$

90. From the given figure, find $\cot(90 - G)$



(i) $\frac{EG}{FG}$ (ii) $\frac{EG}{EF}$ (iii) $\frac{EF}{EG}$ (iv) $\frac{FG}{EG}$ (v) $\frac{EF}{FG}$

Assignment Key

1) (ii)	2) (iii)	3) (ii)	4) (ii)	5) (v)	6) (ii)
7) (v)	8) (i)	9) (iii)	10) (iv)	11) (i)	12) (i)
13) (v)	14) (iv)	15) (ii)	16) (iv)	17) (ii)	18) (v)
19) (v)	20) (ii)	21) (iii)	22) (iv)	23) (v)	24) (iii)
25) (iv)	26) (iv)	27) (i)	28) (iii)	29) (iii)	30) (v)
31) (iii)	32) (i)	33) (i)	34) (i)	35) (iii)	36) (iii)
37) (i)	38) (ii)	39) (v)	40) (iii)	41) (iv)	42) (ii)
43) (iv)	44) (iii)	45) (ii)	46) (i)	47) (iii)	48) (iii)
49) (iv)	50) (iii)	51) (v)	52) (iv)	53) (v)	54) (iii)
55) (iv)	56) (iv)	57) (iii)	58) (iii)	59) (iii)	60) (iii)
61) (ii)	62) (i)	63) (v)	64) (iii)	65) (ii)	66) (iv)
67) (iv)	68) (v)	69) (v)	70) (v)	71) (iv)	72) (i)
73) (iii)	74) (iii)	75) (iv)	76) (v)	77) (ii)	78) (i)
79) (iv)	80) (iii)	81) (i)	82) (iii)	83) (i)	84) (i)
85) (v)	86) (iv)	87) (iv)	88) (iii)	89) (i)	90) (v)