

41. $12 \sin 45^\circ \cos 45^\circ$ 42. $20 \sin 60^\circ \cos 240^\circ$
43. $\cos 45^\circ \sin 210^\circ - \sin 30^\circ \cos 135^\circ$
44. $\cos 180^\circ \cos 45^\circ - \sin 180^\circ \sin 45^\circ$
45. $\tan 30^\circ \cot 30^\circ + \tan 60^\circ \cot 60^\circ$
46. $\sec 60^\circ \tan 135^\circ - \cot 60^\circ \sin 60^\circ$
47. $\cos^2 60^\circ + \sin^2 60^\circ$ 48. $\cos^2 150^\circ + \sin^2 150^\circ$
49. $\cot^2 330^\circ - \csc^2 330^\circ$ 50. $\tan^2 240^\circ - \sec^2 240^\circ$
51. $\cos^2 45^\circ - \sin^2 135^\circ$ 52. $\sin^2 150^\circ + \cos^2 30^\circ$
53. $\frac{\sec 30^\circ}{\cos 30^\circ}$ 54. $\frac{\sin 120^\circ}{\cos 120^\circ}$
55. $\sin^2 30^\circ + \cos^2 30^\circ + \tan^2 30^\circ - \sec^2 30^\circ$
56. $\sin^2 30^\circ + \cos^2 150^\circ + \tan^2 60^\circ$
57. $\sin \frac{\pi}{2} + 6 \cos \frac{\pi}{3}$ 58. $\sin \frac{\pi}{3} + 6 \cos \frac{\pi}{4}$
59. $\csc \frac{\pi}{2} \sin \frac{\pi}{2}$ 60. $4 \sin \frac{4\pi}{3} \cos \frac{4\pi}{3}$
61. $4 \sin \frac{\pi}{3} \cos \frac{\pi}{3}$ 62. $\sin \frac{\pi}{6} \csc \frac{\pi}{6}$
63. $\sin \frac{2\pi}{3} \cos \frac{5\pi}{6} - \cos \frac{2\pi}{3} \sin \frac{5\pi}{6}$
64. $\sin \frac{2\pi}{3} \cos \frac{\pi}{6} + \cos \frac{2\pi}{3} \sin \frac{\pi}{6}$
65. $\sec \frac{\pi}{4} \sin \frac{\pi}{4} - \tan \frac{3\pi}{4} \csc \frac{\pi}{3}$
66. $\sec \frac{\pi}{3} \cos \frac{\pi}{3} + \tan \frac{\pi}{3} \cot \frac{\pi}{3}$
67. $\cos^2 \pi + \sin^2 \pi$ 68. $\cos^2 \frac{2\pi}{3} + \sin^2 \frac{2\pi}{3}$
69. $\tan^2 \frac{\pi}{6} - \csc^2 \frac{\pi}{6}$ 70. $\csc^2 \pi - \tan^2 \pi$
71. $\cos^2 \frac{3\pi}{4} - \sin^2 \frac{\pi}{3}$ 72. $\sin^2 \frac{7\pi}{6} + \cos^2 \frac{\pi}{4}$
73. $\frac{\cos \frac{5\pi}{3}}{\sin \frac{5\pi}{3}}$ 74. $\frac{\cos \frac{\pi}{4}}{\sec \frac{\pi}{4}}$