## 1. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$

2. $\begin{array}{r}3 \\ \times \quad 10 \\ \hline\end{array}$
3. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
4. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
5. $\begin{array}{r}3 \\ \times \quad 5 \\ \hline\end{array}$
6. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
7. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
8. $\begin{array}{r}3 \\ \times \quad 11 \\ \hline\end{array}$
9. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
10. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
11. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
12. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
13. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
14. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
15. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
16. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
17. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
18. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
19. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
20. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
21. $\begin{array}{r}3 \\ \times \quad 10 \\ \hline\end{array}$
22. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
23. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
24. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
25. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
26. $\begin{array}{r}3 \\ \times \quad 11 \\ \hline\end{array}$
27. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
28. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
29. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
30. $\begin{array}{r}3 \\ \times \quad 10 \\ \hline\end{array}$
31. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
32. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
33. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
34. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
35. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
36. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
37. $\begin{array}{r}3 \\ \times \quad 5 \\ \hline\end{array}$
38. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
39. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
40. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
41. $\begin{array}{r}3 \\ \times \quad 5 \\ \hline\end{array}$
42. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
43. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
44. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
45. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
46. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
47. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
48. $\begin{array}{r}3 \\ \times \quad 11 \\ \hline\end{array}$
49. $\begin{array}{r}3 \\ \times \quad 10 \\ \hline\end{array}$
50. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
51. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
52. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
53. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$

One Minute Multiplication

1. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
2. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
3. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
4. $\begin{array}{r}3 \\ \times \quad 5 \\ \hline\end{array}$
5. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
6. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
7. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
8. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
9. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
10. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
11. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
12. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
13. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
14. $\begin{array}{r}3 \\ \times \quad 5 \\ \hline\end{array}$
15. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
16. $\begin{array}{r}3 \\ \times \quad 10 \\ \hline\end{array}$
17. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
18. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
19. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
20. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
21. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
22. $\begin{array}{r}3 \\ \times \quad 11 \\ \hline\end{array}$
23. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
24. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
25. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
26. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
27. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
28. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
29. $\begin{array}{r}3 \\ \times \quad 11 \\ \hline\end{array}$
30. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
31. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
32. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
33. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
34. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
35. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
36. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
37. $\begin{array}{r}3 \\ \times \quad 5 \\ \hline\end{array}$
38. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
39. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
40. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
41. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
42. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
43. $\begin{array}{r}3 \\ \times \quad 5 \\ \hline\end{array}$
44. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
45. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
46. $\begin{array}{r}3 \\ \times \quad 12\end{array}$
47. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
48. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
49. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
50. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
51. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
52. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
53. $\begin{array}{r}3 \\ \times \quad 11 \\ \hline\end{array}$
54. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
55. $\begin{array}{r}3 \\ \times \quad 11 \\ \hline\end{array}$
56. | 3 |
| ---: |
| $\times \quad 8$ |
|  |
| 7. |
| $\times \quad 11$ |
57. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
$\begin{array}{r}3 \\ \times \quad 11 \\ \hline\end{array}$
58. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
59. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
60. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
61. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
62. $\begin{array}{r}3 \\ \times \quad 10 \\ \hline\end{array}$
63. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
64. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
65. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
66. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
67. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
68. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
69. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
70. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
71. $\begin{array}{r}3 \\ \times \quad 11 \\ \hline\end{array}$
72. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
73. $\begin{array}{r}3 \\ \times \quad 10 \\ \hline\end{array}$
74. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
75. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
76. $\begin{array}{r}3 \\ \times \quad 5 \\ \hline\end{array}$
77. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
78. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$

79. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
80. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
81. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
82. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
83. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
84. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
85. $\begin{array}{r}3 \\ \times \quad 6 \\ \hline\end{array}$
86. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
87. $\begin{array}{r}3 \\ \times \quad 4 \\ \hline\end{array}$
88. $\begin{array}{r}3 \\ \times \quad 7 \\ \hline\end{array}$
89. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
90. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
91. $\begin{array}{r}3 \\ \times \quad 9 \\ \hline\end{array}$
92. $\begin{array}{r}3 \\ \times \quad 1 \\ \hline\end{array}$
93. $\begin{array}{r}3 \\ \times \quad 11 \\ \hline\end{array}$
94. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
95. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
96. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
97. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
98. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
99. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
100. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
101. $\begin{array}{r}3 \\ \times \quad 2 \\ \hline\end{array}$
102. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
103. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
104. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
105. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
106. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
107. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
108. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
109. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
110. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
111. $\begin{array}{r}3 \\ \times \quad 12 \\ \hline\end{array}$
112. $\begin{array}{r}3 \\ \times \quad 11 \\ \hline\end{array}$
113. $\begin{array}{r}3 \\ \times \quad 8 \\ \hline\end{array}$
114. $\begin{array}{r}3 \\ \times \quad 3 \\ \hline\end{array}$
