

The 20 Minute Multiplication Challenge.

How far can you get ?

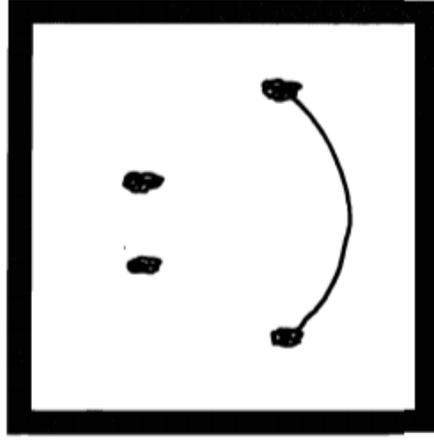


- 1). $2 \times 4 = \underline{\quad}$
- 2). $1 \times 3 = \underline{\quad}$
- 3). $5 \times 2 = \underline{\quad}$
- 4). $3 \times 3 = \underline{\quad}$
- 5). $4 \times 0 = \underline{\quad}$
- 6). $1 \times 6 = \underline{\quad}$
- 7). $3 \times 4 = \underline{\quad}$
- 8). $2 \times 2 = \underline{\quad}$
- 9). $8 \times 1 = \underline{\quad}$
- 10). $3 \times 0 = \underline{\quad}$
- 11). $1 \times 2 = \underline{\quad}$
- 12). $9 \times 2 = \underline{\quad}$
- 13). $4 \times 3 = \underline{\quad}$
- 14). $2 \times 3 = \underline{\quad}$
- 15). $0 \times 1 = \underline{\quad}$
- 16). $1 \times 8 = \underline{\quad}$
- 17). $3 \times 5 = \underline{\quad}$
- 18). $6 \times 2 = \underline{\quad}$
- 19). $5 \times 3 = \underline{\quad}$
- 20). $2 \times 1 = \underline{\quad}$
- 21). $2 \times 6 = \underline{\quad}$
- 22). $0 \times 5 = \underline{\quad}$
- 23). $3 \times 4 = \underline{\quad}$
- 24). $4 \times 2 = \underline{\quad}$
- 25). $3 \times 1 = \underline{\quad}$
- 26). $2 \times 7 = \underline{\quad}$
- 27). $2 \times 0 = \underline{\quad}$
- 28). $5 \times 1 = \underline{\quad}$
- 29). $2 \times 5 = \underline{\quad}$
- 30). $1 \times 1 = \underline{\quad}$
- 31). $1 \times 4 = \underline{\quad}$
- 32). $3 \times 2 = \underline{\quad}$
- 33). $4 \times 1 = \underline{\quad}$
- 34). $3 \times 6 = \underline{\quad}$
- 35). $1 \times 7 = \underline{\quad}$
- 36). $0 \times 9 = \underline{\quad}$
- 37). $5 \times 4 = \underline{\quad}$
- 38). $3 \times 6 = \underline{\quad}$
- 39). $7 \times 2 = \underline{\quad}$
- 40). $7 \times 3 = \underline{\quad}$
- 41). $4 \times 5 = \underline{\quad}$
- 42). $6 \times 3 = \underline{\quad}$
- 43). $2 \times 8 = \underline{\quad}$
- 44). $3 \times 7 = \underline{\quad}$
- 45). $2 \times 10 = \underline{\quad}$
- 46). $3 \times 8 = \underline{\quad}$
- 47). $10 \times 3 = \underline{\quad}$
- 48). $2 \times 9 = \underline{\quad}$
- 49). $7 \times 4 = \underline{\quad}$
- 50). $5 \times 6 = \underline{\quad}$
- 51). $3 \times 10 = \underline{\quad}$
- 52). $7 \times 1 = \underline{\quad}$
- 53). $0 \times 8 = \underline{\quad}$
- 54). $10 \times 2 = \underline{\quad}$
- 55). $6 \times 4 = \underline{\quad}$
- 56). $3 \times 9 = \underline{\quad}$
- 57). $8 \times 2 = \underline{\quad}$
- 58). $8 \times 3 = \underline{\quad}$
- 59). $6 \times 5 = \underline{\quad}$
- 60). $8 \times 4 = \underline{\quad}$
- 61). $5 \times 5 = \underline{\quad}$
- 62). $6 \times 0 = \underline{\quad}$
- 63). $11 \times 3 = \underline{\quad}$
- 64). $7 \times 5 = \underline{\quad}$
- 65). $4 \times 8 = \underline{\quad}$
- 66). $5 \times 7 = \underline{\quad}$
- 67). $4 \times 6 = \underline{\quad}$
- 68). $6 \times 6 = \underline{\quad}$
- 69). $4 \times 7 = \underline{\quad}$
- 70). $1 \times 12 = \underline{\quad}$
- 71). $9 \times 3 = \underline{\quad}$
- 72). $8 \times 5 = \underline{\quad}$
- 73). $4 \times 9 = \underline{\quad}$
- 74). $2 \times 12 = \underline{\quad}$
- 75). $12 \times 3 = \underline{\quad}$
- 76). $10 \times 6 = \underline{\quad}$
- 77). $5 \times 9 = \underline{\quad}$
- 78). $11 \times 0 = \underline{\quad}$
- 79). $5 \times 8 = \underline{\quad}$
- 80). $4 \times 10 = \underline{\quad}$
- 81). $6 \times 11 = \underline{\quad}$
- 82). $10 \times 4 = \underline{\quad}$
- 83). $9 \times 5 = \underline{\quad}$
- 84). $6 \times 10 = \underline{\quad}$
- 85). $9 \times 4 = \underline{\quad}$
- 86). $11 \times 2 = \underline{\quad}$
- 87). $3 \times 12 = \underline{\quad}$
- 88). $11 \times 4 = \underline{\quad}$
- 89). $12 \times 2 = \underline{\quad}$
- 90). $5 \times 10 = \underline{\quad}$
- 91). $11 \times 0 = \underline{\quad}$
- 92). $4 \times 12 = \underline{\quad}$
- 93). $2 \times 11 = \underline{\quad}$
- 94). $10 \times 7 = \underline{\quad}$
- 95). $11 \times 5 = \underline{\quad}$
- 96). $7 \times 11 = \underline{\quad}$
- 97). $12 \times 4 = \underline{\quad}$
- 98). $10 \times 9 = \underline{\quad}$
- 99). $5 \times 12 = \underline{\quad}$
- 100). $4 \times 11 = \underline{\quad}$
- 101). $10 \times 12 = \underline{\quad}$
- 102). $7 \times 6 = \underline{\quad}$
- 103). $6 \times 8 = \underline{\quad}$
- 104). $8 \times 11 = \underline{\quad}$
- 105). $7 \times 10 = \underline{\quad}$
- 106). $11 \times 9 = \underline{\quad}$
- 107). $8 \times 6 = \underline{\quad}$
- 108). $9 \times 6 = \underline{\quad}$
- 109). $7 \times 7 = \underline{\quad}$
- 110). $8 \times 8 = \underline{\quad}$
- 111). $6 \times 12 = \underline{\quad}$
- 112). $9 \times 10 = \underline{\quad}$
- 113). $8 \times 7 = \underline{\quad}$
- 114). $11 \times 7 = \underline{\quad}$
- 115). $3 \times 11 = \underline{\quad}$
- 116). $6 \times 9 = \underline{\quad}$
- 117). $10 \times 5 = \underline{\quad}$
- 118). $12 \times 5 = \underline{\quad}$
- 119). $8 \times 9 = \underline{\quad}$
- 120). $9 \times 11 = \underline{\quad}$
- 121). $7 \times 12 = \underline{\quad}$
- 122). $7 \times 8 = \underline{\quad}$
- 123). $9 \times 7 = \underline{\quad}$
- 124). $11 \times 6 = \underline{\quad}$
- 125). $0 \times 10 = \underline{\quad}$
- 126). $12 \times 6 = \underline{\quad}$
- 127). $7 \times 9 = \underline{\quad}$
- 128). $8 \times 12 = \underline{\quad}$
- 129). $12 \times 8 = \underline{\quad}$
- 130). $10 \times 11 = \underline{\quad}$
- 131). $9 \times 8 = \underline{\quad}$
- 132). $6 \times 7 = \underline{\quad}$
- 133). $9 \times 9 = \underline{\quad}$
- 134). $0 \times 7 = \underline{\quad}$
- 135). $9 \times 12 = \underline{\quad}$
- 136). $12 \times 11 = \underline{\quad}$
- 137). $11 \times 8 = \underline{\quad}$
- 138). $10 \times 10 = \underline{\quad}$
- 139). $12 \times 7 = \underline{\quad}$
- 140). $10 \times 8 = \underline{\quad}$
- 141). $11 \times 10 = \underline{\quad}$
- 142). $12 \times 9 = \underline{\quad}$
- 143). $12 \times 0 = \underline{\quad}$
- 144). $11 \times 12 = \underline{\quad}$
- 145). $11 \times 11 = \underline{\quad}$
- 146). $8 \times 10 = \underline{\quad}$
- 147). $12 \times 12 = \underline{\quad}$
- 148). $12 \times 10 = \underline{\quad}$
- 149). $0 \times 12 = \underline{\quad}$
- 150). $8 \times 7 = \underline{\quad}$

Long Multiplications.

- | | | | | |
|--|--|--|--|--|
| 1). $\begin{array}{r} 32 \\ \underline{21} \times \end{array}$ | 2). $\begin{array}{r} 43 \\ \underline{52} \times \end{array}$ | 3). $\begin{array}{r} 49 \\ \underline{25} \times \end{array}$ | 4). $\begin{array}{r} 63 \\ \underline{32} \times \end{array}$ | 5). $\begin{array}{r} 53 \\ \underline{45} \times \end{array}$ |
| — | — | — | — | — |
| — | — | — | — | — |
| 6). $\begin{array}{r} 53 \\ \underline{46} \times \end{array}$ | 7). $\begin{array}{r} 64 \\ \underline{28} \times \end{array}$ | 8). $\begin{array}{r} 39 \\ \underline{28} \times \end{array}$ | 9). $\begin{array}{r} 48 \\ \underline{39} \times \end{array}$ | 10). $\begin{array}{r} 83 \\ \underline{25} \times \end{array}$ |
| 11). $\begin{array}{r} 59 \\ \underline{56} \times \end{array}$ | 12). $\begin{array}{r} 65 \\ \underline{82} \times \end{array}$ | 13). $\begin{array}{r} 25 \\ \underline{79} \times \end{array}$ | 14). $\begin{array}{r} 75 \\ \underline{47} \times \end{array}$ | 15). $\begin{array}{r} 93 \\ \underline{43} \times \end{array}$ |
| 16). $\begin{array}{r} 49 \\ \underline{86} \times \end{array}$ | 17). $\begin{array}{r} 67 \\ \underline{92} \times \end{array}$ | 18). $\begin{array}{r} 47 \\ \underline{81} \times \end{array}$ | 19). $\begin{array}{r} 84 \\ \underline{93} \times \end{array}$ | 20). $\begin{array}{r} 97 \\ \underline{86} \times \end{array}$ |
| 21). $\begin{array}{r} 903 \\ \underline{53} \times \end{array}$ | 22). $\begin{array}{r} 486 \\ \underline{65} \times \end{array}$ | 23). $\begin{array}{r} 672 \\ \underline{38} \times \end{array}$ | 24). $\begin{array}{r} 948 \\ \underline{99} \times \end{array}$ | 25). $\begin{array}{r} 683 \\ \underline{65} \times \end{array}$ |
| 26). $\begin{array}{r} 759 \\ \underline{56} \times \end{array}$ | 27). $\begin{array}{r} 605 \\ \underline{87} \times \end{array}$ | 28). $\begin{array}{r} 925 \\ \underline{89} \times \end{array}$ | 29). $\begin{array}{r} 975 \\ \underline{67} \times \end{array}$ | 30). $\begin{array}{r} 793 \\ \underline{73} \times \end{array}$ |

What is the Title of This Picture?



Do each exercise below and find your answer in the coded title. Each time the answer appears, write the letter of the exercise above it.

C O D E D T I T L E :

48,632 37,632 741 1,092 12,246 1,092 31,752 4,554 26,046 4,554 5,463 26,046

1,110 6,672 31,752 21,888 4,554 5,463 980 1,152 2,950 741 25,905 1,110 1,092 37,632 1,110 1,888

(U)
$$\begin{array}{r} 247 \\ \times 3 \\ \hline \end{array}$$

(G)
$$\begin{array}{r} 196 \\ \times 5 \\ \hline \end{array}$$

(L)
$$\begin{array}{r} 834 \\ \times 8 \\ \hline \end{array}$$

(I)
$$\begin{array}{r} 759 \\ \times 6 \\ \hline \end{array}$$

(E)
$$\begin{array}{r} 472 \\ \times 4 \\ \hline \end{array}$$

(N)
$$\begin{array}{r} 607 \\ \times 9 \\ \hline \end{array}$$

(O)
$$\begin{array}{r} 5,376 \\ \times 7 \\ \hline \end{array}$$

(M)
$$\begin{array}{r} 8,635 \\ \times 3 \\ \hline \end{array}$$

(Y)
$$\begin{array}{r} 3,648 \\ \times 6 \\ \hline \end{array}$$

(S)
$$\begin{array}{r} 2,894 \\ \times 9 \\ \hline \end{array}$$

(F)
$$\begin{array}{r} 6,079 \\ \times 8 \\ \hline \end{array}$$

(A)
$$\begin{array}{r} 7,938 \\ \times 4 \\ \hline \end{array}$$

- (J) If a computer printer can print 590 lines per minute, how many lines can the printer print in 5 minutes?

- (R) The bell in a college tower rings 156 times every day. How many times does the bell ring in a week?

- (P) Pat can type at an average speed of 185 words in 5 minutes. At this rate, how many words can Pat type in half an hour?

Animal Cracks



Do each exercise below and find your answer in the code for that set of exercises. Each time the answer appears, write the letter of the exercise above it.

1. What animal is black, white, and green?

$$\begin{array}{r} 4,816 \\ 4,526 \\ 4,292 \\ 4,816 \\ 5,913 \\ 1,624 \\ 3,283 \\ 4,292 \\ 972 \\ 4,082 \\ 4,048 \\ 6,110 \\ 1,343 \\ 5,913 \\ 4,816 \end{array}$$

- (K) $\begin{array}{r} 36 \\ \times 27 \\ \hline \end{array}$ (E) $\begin{array}{r} 65 \\ \times 94 \\ \hline \end{array}$ (R) $\begin{array}{r} 73 \\ \times 81 \\ \hline \end{array}$ (I) $\begin{array}{r} 49 \\ \times 67 \\ \hline \end{array}$ (S) $\begin{array}{r} 28 \\ \times 58 \\ \hline \end{array}$ (B) $\begin{array}{r} 17 \\ \times 79 \\ \hline \end{array}$ (A) $\begin{array}{r} 56 \\ \times 86 \\ \hline \end{array}$

- (Z) $92 \times (19 + 25)$ (C) An artist made a rectangular table top using rows of small square tiles. If there are 58 rows with 74 tiles in each row, how many tiles were used? _____ tiles

2. How can you tell the price of a pelican?

$$\begin{array}{r} 4,005 \\ 3,150 \\ 3,150 \\ 2,520 \\ 3,422 \\ 1,206 \\ 3,612 \\ 3,915 \\ 3,612 \\ 2,888 \\ 7,885 \\ 2,481 \\ 3,705 \\ 2,891 \\ 4,005 \\ 4,005 \end{array}$$

- (E) $\begin{array}{r} 83 \\ \times 95 \\ \hline \end{array}$ (A) $\begin{array}{r} 67 \\ \times 18 \\ \hline \end{array}$ (O) $\begin{array}{r} 75 \\ \times 42 \\ \hline \end{array}$ (H) $\begin{array}{r} 38 \\ \times 76 \\ \hline \end{array}$ (I) $\begin{array}{r} 49 \\ \times 59 \\ \hline \end{array}$ (K) $\begin{array}{r} 90 \\ \times 28 \\ \hline \end{array}$ (B) $\begin{array}{r} 57 \\ \times 65 \\ \hline \end{array}$

- (T) $84 \times (93 - 50)$ (L) A school bought 45 band uniforms and 18 musical instruments. If the uniforms cost \$89 each, what was the total cost of the uniforms? \$ _____