Why was the math book sad on St Patrick's Day? Because it had too many problems!

Cheer up the math book by completing the multiplication grid below:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | 4 |  |  | 10 |  |  | 16 |  |  |  | 24 |
| $\mathbf{3}$ |  |  |  |  | 18 | 21 |  |  |  |  |  |
| $\mathbf{4}$ |  |  | 16 |  |  |  | 32 |  |  | 44 |  |
| $\mathbf{5}$ |  | 15 |  | 25 |  |  |  |  | 50 | 55 |  |
| $\mathbf{6}$ |  |  |  |  | 36 |  |  | 54 |  |  | 72 |
| $\mathbf{7}$ |  | 21 | 28 |  |  | 49 |  |  |  |  |  |
| $\mathbf{8}$ |  |  |  | 40 |  |  | 64 |  |  | 88 |  |
| $\mathbf{9}$ | 9 |  |  | 45 |  |  |  | 81 |  |  | 108 |
| $\mathbf{1 0}$ |  |  | 40 |  |  |  |  |  | 100 |  |  |
| $\mathbf{1 1}$ |  | 33 |  |  |  | 77 |  |  |  |  | 132 |
| $\mathbf{1 2}$ |  |  |  |  | 72 |  |  |  | 120 |  |  |

