Multiply rows by columns, and fill in the multiplication facts

| 0 | 0 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 |  |  |  |  |
| 0 | 0 |  |  |  |  |
| 0 | 0 |  |  |  |  |
| 0 | 0 |  |  |  |  |

$\underline{5} \times \underline{2}=\square$

| 0 | 0 | 0 | 0 | 0 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

$\times \ldots$

| 0 | 0 | 0 | 0 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |


| 0 | 0 | 0 | 0 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |

$\times \square=\square$
$\times \square=\square$

| 0 | 0 | 0 | 0 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |


| 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |

$\times \square=\square$
$\times \square=\square$

| 0 | 0 | 0 | 0 | 0 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 |  |

$\ldots=\square$

| 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |

$\ldots=\square$

## Multiplication Arrays

Multiply rows by columns, and fill in the multiplication facts

| 0 | 0 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 |  |  |  |  |
| 0 | 0 |  |  |  |  |
| 0 | 0 |  |  |  |  |
| 0 | 0 |  |  |  |  | | 10 |
| :--- |


| 0 | 0 | 0 | 0 | 0 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

$$
3 \times 5=15
$$

| 0 | 0 | 0 | 0 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |


| 0 | 0 | 0 | 0 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |

$\underline{4} \times \underline{4}=16$

$$
5 \times \underline{4}=20
$$

| 0 | 0 | 0 | 0 |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 |  |  |
| 0 | 0 | 0 | 0 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |


| 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |

$$
3 \times \underline{4}=12
$$

$$
\underline{4} \times \underline{6}=24
$$

| 0 | 0 | 0 | 0 | 0 |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 |  |


| 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |

$\underline{5} \times \underline{5}=25$
$5 \times \underline{6}=30$

