

**Strand:** Numbers and Operations – Teacher’s Page

**Skill Addressed:** Multiplication Skills and Facts

**Activity:** *Multiplication Chart*

**Rationale:** In any grade, a student’s knowledge of the basic facts will come in handy – it is never too late to learn basic multiplication facts. This activity, among others, can and should be used repeatedly throughout the middle and secondary years.

<b>X</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
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**Part 1:**

Have students complete the chart as best as they can without the use of a calculator.

If they are stuck at any of the empty boxes, ask them to try to use a strategy for finding the missing information using some of the other facts that they know.

When they have exhausted all possibilities, they can spend a moment checking their facts with a calculator and filling in the unknown facts.

**Part 2:**

Ask students to write down any patterns that they can see in the table. Ask them to look for some less obvious patterns or to try to find patterns that they have never noticed before in the chart.

**Part 3:** Divisibility Rules – see next page: