



## Number Puzzles

**NOTE** Students solve and create number puzzles to help learn about the composition of numbers.

SMH 24

1. Solve the following number puzzle.

<p><b>Clue 1</b> This number is a factor of 48.</p>	<p><b>Clue 3</b> This number is a multiple of 6.</p>
<p><b>Clue 2</b> This number is even.</p>	<p><b>Clue 4</b> The sum of the digits of this number equals 3.</p>

What number is it? \_\_\_\_\_

2. Make up your own number puzzle.

<p><b>Clue 1</b></p>	<p><b>Clue 3</b></p>
<p><b>Clue 2</b></p>	<p><b>Clue 4</b></p>

The number is \_\_\_\_\_.

### Ongoing Review

3. Which number fits the following clues?

**Clue 1** This number is even.

**Clue 2** This number is a factor of 54.

A. 3

B. 6

C. 9

D. 12