

Place Value Puzzles



$$4,000,000 + 500,000 + 50$$

4,500,050

$$4,000,000 + 50,000 + 500$$

4,050,500

$$4,000,000 + 500 + 50$$

4,000,550

$$4,000,000 + 5,000 + 500 + 50$$

4,005,550



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$$3,000,000 + 900,000 + 8$$

3,900,008

$$3,000,000 + 90,000 + 800$$

3,090,800

$$6,000,000 + 200,000 + 1,000$$

6,201,000

$$600,000 + 20,000 + 1,000 + 10$$

621,010

Place Value Puzzles



$$6,000,000 + 20,000 + 1,000 + 1$$

6,021,001

$$7,000,000 + 7,000 + 7$$

7,007,007

$$700,000 + 70,000 + 700 + 70$$

770,770

$$7,000,000 + 7$$

7,000,007



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$$100,000 + 80,000 + 4,000 + 4$$

184,004

$$1,000,000 + 400,000 + 80,000$$

1,480,000

$$1,000,000 + 400,000 + 8,000$$

1,408,000

$$5,000,000 + 200,000 + 7,000 + 2$$

5,207,002

Place Value Puzzles



$$5,000,000 + 7,000 + 20$$

5,007,020

$$5,000,000 + 70,000 + 20$$

5,070,020

$$5,000,000 + 700,000 + 2$$

5,700,002

$$2,000,000 + 500,000 + 50,000 + 6$$

2,550,006



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$$2,000,000 + 50,000 + 5,000 + 6$$

2,055,006

$$900,000 + 300 + 4$$

900,304

$$9,000,000 + 300 + 4$$

9,000,304

$$9,000,000 + 3,000 + 400 + 4$$

9,003,404

Place Value Puzzles

$$6,000,000 + 20,000 + 1,000 + 1$$


$$6,021,001$$

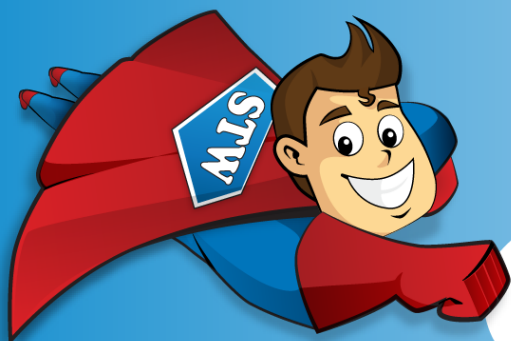
There are countless ways to use puzzle cards.
Here are a few ideas:

Puzzle Match

Place the puzzle pieces on the table or floor. Have small groups match up each expanded number with the correct answer.

Find Your Partner

Give each student one puzzle piece. Half of your students will have expanded form numbers and the other half will have the standard numbers. Have them find their



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Find the Incorrect Match

Attach three puzzle piece pairs to a sheet of construction paper. Two matches should be correct. One should be incorrect. Laminate. Have students identify the incorrect match.

Race to Match

Give two (or more) students a set of expanded form cards. Have them race to see who can correctly match all of the cards first.