

## Math Activity — Wildcard #2

Task: Use each of the numbers 1 through 10 once and each of the four operations once and one wild card operation to make the indicated numbers.

- You must use each and every number from 1 to 10 once and once only.
- You must use all four operations: addition, subtraction, multiplication and division.
- You must use one of the four operations a second time as your wildcard operation.

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Example question: Make the numbers 1, 2, 4, 17, 32

~~1, 2, 3, 4, 5, 6, 7, 8, 9, 10~~ ~~+, -, ×, ÷~~ wildcard. All of the numbers and each of the operations have been used, **cross them out as you use them.**

$$10 + 7 = 17$$

$$9 - 5 = 4$$

$$8 \times 4 = 32$$

$$6 \div 3 = 2$$

$$2 - 1 = 1 \text{ (wildcard)}$$

To check that I am correct I see that I used all the numbers 1 – 10, all four operations, and a wildcard operation — in this case subtraction.

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There are four questions below. The questions go from easier to more difficult — in my opinion at least. Work by yourself. Work with a partner. Collaborate with a group. This activity was designed to be completed in groups of 2 or 3 people.

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Question #1: Make the numbers — 14, 4, 2, 9, 4

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Question #2: Make the numbers — 45, 3, 13, 6, 0

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Question #3: Make the numbers — 1, 7, 2, 5, 6

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Question #4: Make the numbers — 3, 3, 3, 0, 3