

Puzzle of the Week

Combining Digits – Five 2's

Here are some ways to get 0 and 1 using five 2's.

$$0 = (22 - 22) \times 2$$

$$0 = (2/2 - 2/2) \times 2$$

$$1 = 2 - (2/2 \times 2/2)$$

$$1 = (2/2 + 2/2) / 2$$

THE CHALLENGE: How many numbers can you get using five 2's using addition, subtraction, multiplication, division and creating double-digit numbers?

2 2 2 2 2

EXPLORATION: Play with other groups of identical numbers. Are some more interesting than others?