

“Maid” to Order

Molly the maid accidentally wiped away some of the numbers from the equations below. Follow the order of operations to complete each equation with the numbers shown on the rug.



1.

$$(12 \div 2) + 5 \times 3 = 21$$

5, 3, 2, 12

2.

$$6 + (8 \div 4) \times 5 = 16$$

4, 8, 5, 6

3.

$$(10 - 7) \times 3 + 2 = 11$$

2, 3, 7, 10

4.

$$5^2 + (5 + 6) - 3 = 33$$

5, 6, 3, 5

5.

$$6 \times 5 + 6^2 \div 4 = 39$$

6, 4, 6, 5

6.

$$20 \div (2 \times 5) + 6 = 8$$

2, 20, 5, 6

7.

$$4^2 + (10 \div 5) \times 3 = 22$$

4, 3, 10, 5

8.

$$(8 \times 9) - 12 + 10 \div 2 = 65$$

12, 8, 2, 9, 10

Bonus Box: Look at items 4, 5, and 7. Replace the exponent 2 with a 3. Solve to find the new answers.