

Name _____

Art Studio Math Creations 3-Step Order of Operations (Single Digits Only)

Welcome to **ColorPop Art Studio!** Artist Maya is working on her new gallery and needs help mixing paints, setting up canvases, and framing art. Use **order of operations (PEMDAS)** - Parentheses first, then Multiply/Divide, and finally Add/Subtract - to help her complete her creative math projects!

1. Maya mixed $(3 + 2) \times 4 - 5$ drops of blue paint.
How many drops did she use?
2. She cut $(8 - 3) \times 2 + 4$ pieces of colored paper.
How many pieces total?
3. The artist framed $(6 + 2) \times 3 - 5$ paintings.
How many framed pieces does she have?
4. Maya painted $(7 - 2) \times (4 + 1)$ dots on one canvas.
How many dots total?
5. She combined $(9 - 6) \times 3 + 2$ shades to make a new color.
How many shades in all?
6. Her student mixed $(5 + 3) \times 2 - 4$ cups of red paint.
How many cups did they make?
7. Maya drew $(6 - 2) \times (3 + 1)$ shapes on her sketchpad.
How many shapes?
8. She sold $(8 - 4) \times 3 + 2$ small paintings.
How many paintings did she sell?
9. She created $(9 - 5) \times 2 + 6$ new color patterns.
How many patterns did she design?
10. Her assistant arranged $(7 + 2) \times (5 - 3)$ brushes on the table.
How many brushes total?

