

ORDER OF OPERATIONS

Directions: Evaluate each expression using the order of operations between Set 1 and Set 2, then color the turkey.

1 $2^3 - 4 \cdot 5 \div 10$

3 $64 \div 2 - 5 \cdot 3 + 8$

5 $7^2 - (41 - 8) \div 3$

7 $(3^2 - 7)^5 + 30 \div 2$

$48 - 3 \cdot 2 + 28$

COLORING ACTIVITY



Order of OPERATIONS

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Coloring Activity!

Objective: To practice simplifying numerical expressions using the order of operations. **This activity contains whole numbers only.**

Directions:

- 1) Copy the expressions sheet and turkey coloring picture for each student. I typically copy the coloring sheet on the back to save paper. I have my students show all work on a separate sheet of notebook paper.
- 2) If working in partners, Partner A completes Set 1 and Partner B completes Set 2. They check with each other for matching answers in order to determine how to color the turkey.

For example, if #1 is 6 and Dark Green is 6, then all 1's on the picture are dark green. If #2 is 11 and Light Blue is 11, then all 2's on the picture are light blue. And so on.

This can also be done as an independent activity where each student does both sets (20 total problems).

- 3) After evaluating all the expressions, students can color the picture. I have them staple their work to the paper and turn in for a classwork grade.

ORDER OF OPERATIONS *Coloring Activity!*

Directions: Evaluate each expression using the order of operations. Identify matching answers between Set 1 and Set 2, then color the turkey accordingly. **STAPLE ALL WORK TO THIS PAPER!**

SET 1	
1 $2^3 - 4 \cdot 5 + 10$	2 $15 - (1 + 7) + 2$
3 $64 \div 2 - 5 \cdot 3 + 8$	4 $(3^2 + 7) \div (5 - 3)$
5 $7^2 - (41 - 8) + 3$	6 $(19 - 13)^2 + (2 + 7)$
7 $(3^2 - 7)^3 + 30 + 2$	8 $\frac{39 - 5 \cdot 3}{20 - 16 + 2}$
9 $\frac{48 - 3 \cdot 2 + 28}{9 - 2^2}$	10 $8^2 - (2^4 + 2) \div 24 - 7 \cdot 3$

SET 2	
RED $16 + 3^2 \cdot 4 - 27$	ORANGE $7 - (18 - 3) + 5$
YELLOW $16 \div (5^2 - 21) + 10$	LIGHT GREEN $(9^2 - 5) \div (29 - 3^3)$
DARK GREEN $2^4 - (13 + 7) + 2$	LIGHT BLUE $(18 - 2^2) - 6 + 2$
DARK BLUE $(8 - 5)^2 + 8 \cdot 3 - 31$	PURPLE $\frac{23 + (10^2 - 29)}{38 - 12 \cdot 3}$
PINK $\frac{3^3 \cdot 4 - (48 - 3)}{5^2 - 18}$	BROWN $\frac{6^2 + (11 + 2^2)}{11 - 4^2 + 2}$

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