

EQUATIONS & ALGEBRA

interactive NOTEBOOK

5TH GRADE

math

This unit includes 16
different equation
& algebra
activities



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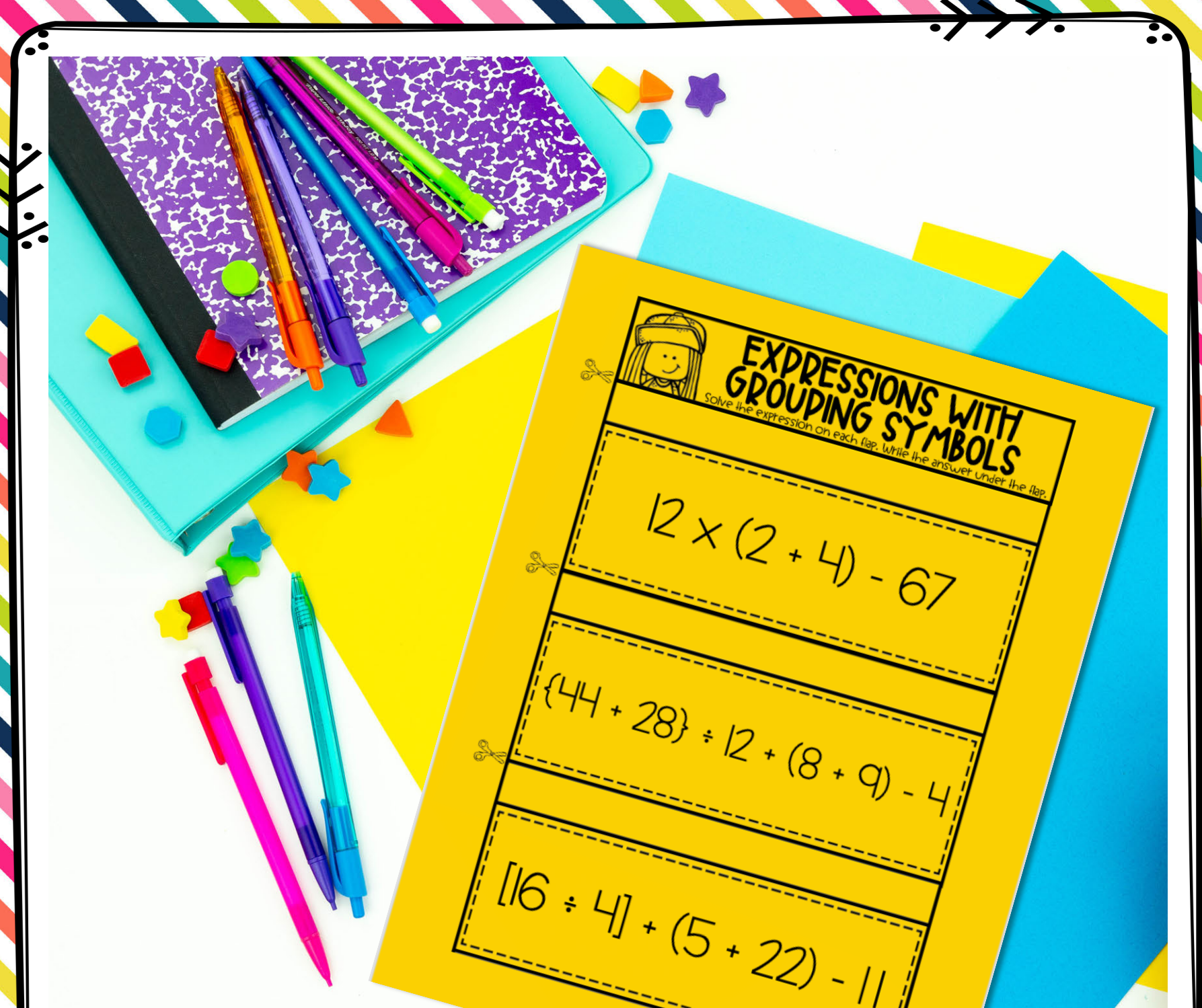
Table of Contents with each activity listed for quick reference.

WRITE THE EXPONENT
Rewrite the expression on each flap as an exponent under the flap.

$18 \times 18 \times 18 \times 18 \times 18 \times 18$
$9 \times 9 \times 9 \times 9$
3×3
$23 \times 23 \times 23$
$12 \times 12 \times 12 \times 12 \times 12$
$8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8$
$11 \times 11 \times 11 \times 11$
$7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$

HEARTS
NOT SWAMPY
Teacher

A great tool for practicing new skills and assessing mastered skills.



Super-simple cuts and no unnecessary coloring.

GRAPHING EQUATIONS MATCH

- Each student will need one page containing the Graphing Equations chart and one, half page of variable equation cards. Multiple charts are included to allow for differentiation.

- Cut out the rectangular title at the top of the page.
- Then, cut out the rectangular chart.

- Cut out the rectangle containing the equation cards, then cut horizontally and vertically between the cards to get 4 individual cards.

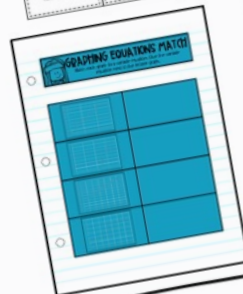
- Apply glue to the back of the title and chart.

- The chart should be glued on the notebook page below the title and the variable equation cards should be sorted and glued into their proper place on the chart.

GRAPHING EQUATIONS MATCH
Match each graph to a variable equation card for each student.
Multiple cards are included for differentiation.



$x + 6 = y$	$x + 5 = y$
$12x = y$	$x - 22 = y$



EVALUATING BASIC EXPRESSIONS FLAPS

- Each student will need one half page of flaps. Multiple templates are included to allow for differentiation.

Use the large rectangle to make 4 flaps.

Glue between each flap to stop before the left.

Glue the underside of the flap.

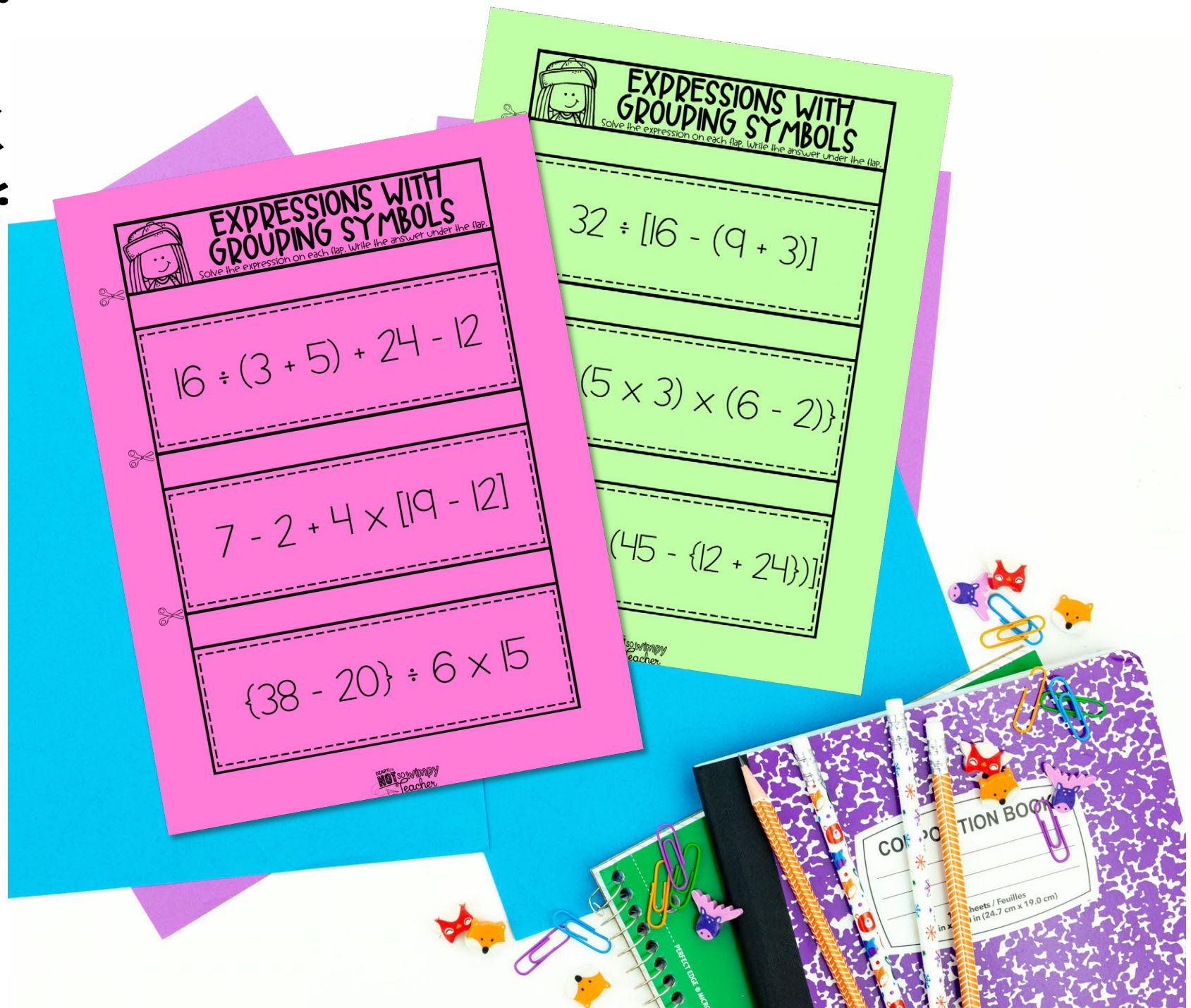
EVALUATING BASIC EXPRESSIONS

$56 \div 7 \cdot 36 \div 6$
$82 \div 14 \times 5 \div 2$
$12 \times 12 - 42 \times 3$
$54 - 29 + 64 \div 8$

glue

$56 \div 7 \cdot 36 \div 6$
$82 \div 14 \times 5 \div 2$
$12 \times 12 - 42 \times 3$
$54 - 29 + 64 \div 8$

Detailed cutting and gluing directions for each activity page.



Multiple versions of most activities allow for differentiation.

ANSWER KEY

FIND THE MEDIAN
Find the median for the set of numbers on each bar.

40	34
61	37

FIND THE MEDIAN
Find the median for the set of numbers on each bar.

64	73
31.5	80

FIND THE MEDIAN
Find the median for the set of numbers on each bar.

63	184.5
159	202

ANSWER KEY

EVALUATING COMPLEX EXPRESSIONS
Solve the expression on each bar. Write the answer on the bar.

25
337
30
234
166

Activity answer keys included for easy checking.