

5TH GRADE

Simplifying Expressions

TASK CARDS



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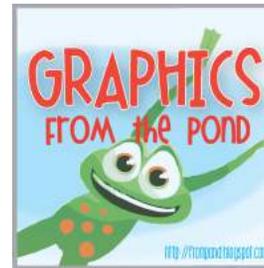
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MATH TASK CARDS

Included in this product are:

- 24 task cards with questions based on the 5th grade math TEKS
- Recording sheet for students to record their answers
- Answer key so that you or the students can check their work

Some ideas for using these cards are:

- Test prep and review
- As a center
- Partner work
- Small group review or activity
- Independent work
- Scavenger hunt

(My personal favorite-hang the cards in random order all around the room. Students hunt for each card and record their answers.)

- Play a whole class game such as Scoot
- Play Quiz-Quiz-Trade

MATH TASK CARDS

Teacher Instructions:

1. Print product on cardstock for durability
2. Laminate and cut apart individual task cards
3. Copy enough answer sheets for each student to have one.
4. Store in a folder, envelope, sealing bag, or hole punch each card and place them on a ring.

1

In the expression shown, what do the parentheses mean?

$$4 \times 8 + (30 \div 5) \times 2$$

2

Brayden opened a box of thread. The box had 4 rows of thread with 6 bobbins in each row. He immediately took out 6 bobbins and placed one in a bag for later. What expression could be used to show there are still 17 bobbins of thread in the box?

3

What is the value of the expression shown below?

$$[(4 + 7) - 5] \div 3 + 2$$

4

At the bakery, Ronaldo bought two loaves of bread for \$2.87 each, a donut for 65¢, and a coffee for \$1.50. He had a coupon for \$1 off his total purchase. The discounted price of his purchase can be found using this expression.

$$(2.87 \times 2 + 0.65 + 1.50) - 1$$

How much did he pay?

5

What is the value of the expression below?

$$[81 \div (3 \times 3)] \times 6$$

6

In the expression shown below what do the parentheses mean?

$$16 + 12 - (4 + 8) \times 2$$

7

Sage is buying cookies for a class party. Each box of cookies has 2 rows of cookies with 12 cookies in each row. She buys 4 boxes, but her family eats 28 cookies. What expression can be used to show she has 64 cookies to bring to the party?

8

What is the value of this expression?

$$24 + 6 \div 2 + 19$$

9

Joel bought laundry detergent for \$10.89 and two boxes of dryer sheets for \$3.15 each. He had a coupon for \$5 off his purchase. The amount he paid can be found using the expression:

$$10.89 + 3.15 \times 2 - 5$$

How much did he pay?

10

What is the value of the expression shown below?

$$[24 + (3 \times 7)] \div 3$$

11

Josh is selling baked goods for a fundraiser. He sells three brownies for \$0.50 each and a cake for \$7.75 before noon. The amount of money he raised before noon can be found using this expression:

$$3 \times 0.50 + 7.75$$

How much money did he raise before noon?

12

A sheet of labels has 4 rows with 8 labels in each row. You use 12 labels to organize your office and another 2 to mark school supplies. What expression can be used to show you have 18 labels left?

13

What is the value of this expression?

$$3 \times [12 + (4 - 2)]$$

14

What is the value of the expression shown below?

$$(12 \div 4) + (6 \times 5)$$

15

What would be the first thing you do to simplify the expression below?

$$12 \times 8 + (4 - 3) \div 2$$

16

In the expression shown what do the parentheses mean?

$$9 - 5 \times (13 + 6) \div 4$$

17

Ari goes to the taqueria down the street and buys two carne asada tacos for \$2.39 each, a carnitas taco for \$2.19, and a soda for 99¢. He has a coupon for \$1.50 off his purchase. The total he paid can be found with the expression below.

How much did he pay?

$$2.39 \times 2 + 2.19 + 0.99 - 1.50$$

18

What is the value of this expression?

$$2 \times (14 - 4) + 28$$

19

A pitcher of lemonade has 128 ounces of lemonade. You drink 12 ounces with lunch and another 12 ounces with dinner. Your family drinks half of what is left. What expression can be used to show there are 51 ounces of lemonade left?

20

Simplify the expression shown below.

$$(6 + 8) \div 2 \times 12$$

21

Ray goes out to dinner with her dad. They order a \$7 appetizer, each get an entree for \$9, and each get a \$5 dessert. She has a coupon for \$15 off the total bill. Use the expression below to show the discounted price of their meal.

$$7 + (9 + 5) \times 2 - 15$$

22

In the expression shown below, what do the parentheses mean?

$$27 \div 3 + (3 - 4) \times 6$$

23

What is the value of the expression shown?

$$[21 + (36 \div 3)] \times 5$$

24

Redmy is making soap. He makes 2 dozen bars of lavender soap and 2 dozen bars of eucalyptus soap. He keeps half of the bars for himself and plans to sell the rest. What expression can be used to find how many bars of soap he has to sell?

Name _____ # _____ Date _____

Simplifying Expressions Task Cards

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24

Answer Key

Simplifying Expressions Task Cards

1 You divide 30 by 5 first.	2 $4 \times 6 - 6 - 1 = 17$	3 4	4 \$6.89	5 54	6 You add 1 + 8 first.
7 $(2 \times 12) \times 4 - 28 = 68$	8 46	9 \$1.09	10 17	11 \$9.25	12 $3 - 12 - 2 = 18$
13 42	14 3	15 4-3	16 You add 13 to 3 first.	17 \$6.40	18 48
19 [12 + 14] ÷ 2 = 5 1	20 84	21 \$20	22 You subtract 4 from 8 first.	23 165	24 $(3 \times 12 + 2 \times 12) \div 2$