

Order of Operations “Math Lib”!

A

B

C

D

E

F

G

H

I

Record your answers
on the blanks below
to complete the story!

(A) _____ was (B) _____ with

(C) _____ while wearing (D) _____

at (E) _____ (F) _____

(G) _____ while (H) _____

(I) _____!

Station A Cards

$$24 - (5 + 3)^2 + 4 \cdot 2^3$$

$$(6 - 1)^2 + 24 \div 3 \cdot 7 - 4$$

$$\frac{6(2 + 4) - 1}{2 \cdot 3 + 1}$$

$$\frac{17 \cdot 5 - 3 \cdot 5}{3^2 + 1}$$

$$56 \div (3^3 - 19) - 2 \cdot 6$$

$$6^2 - [11 + 3 \cdot (2 + 4)] + 2^3$$

$$24 \div (6 - 2) + 2^3$$

$$\frac{2^5 \div 8 + 3}{4 + 3}$$

$$24 \div (3^2 - 7) - 15$$

Station B Cards

$$\frac{7^2 + 23}{10 - 2 \cdot 3} \div |-3|$$

$$7[3^2 - 2(1 + 2)] \div 7 + 5^2$$

$$12 + 2 \cdot 5^2 - 1$$

$$4^3 - (2 + 3^2) + |-4|$$

$$(54 - 3) \div 17 + 10 - 4^2$$

$$17 - 2(4^2 - 1)$$

$$3^2 - 8 \cdot 2 + 7^2 - 35$$

$$\frac{44 + (50 - 2^5)}{2 - 2^2}$$

$$\frac{18 + 7^2 - 7}{9 - 20 \div 4 + 16}$$

Station C Cards

$$(8 - 6)^3 \div 4 - 12 + 5 \cdot 2$$

$$4 \cdot 3 - 6 \cdot 5 + (3^2 - 1)$$

$$\frac{2^2 - 3 \cdot 4 + 7}{5 - 2^2 \cdot 3 + 6}$$

$$10 \cdot (3^2 - 3) \div -5$$

$$(4 + 5)^2 - |-7| + 3$$

$$\frac{8^2 - (2^5 + 5)}{12 - 3^2}$$

$$2^3 \cdot (9 - 2) + \frac{12}{4} - |-5|$$

$$4 - 3[4 - 2(6 - 3)] \div 2$$

$$8 \div (3^2 - 5) + 12$$

Station D Cards

$$(4 + 5) \div 3 \cdot 2 + (2^2 - 1)$$

$$18 - (5 + 3^2) \div 7$$

$$10^2 + 2(16 - 8^2)$$

$$2^3 \div 4 + 3 \cdot 5^2$$

$$(3 + 10 \div 2 - 6 + 18) \div 2^2$$

$$\frac{8 + 2(4 - 1)}{3^2 - 2}$$

$$\frac{41 - 3^2}{6 \cdot 3 - 26}$$

$$[(7^2 - (9 + 5))] - 6^2 \div 4$$

$$2^3 + 5 \cdot (6 + 4) \div 2$$

Station E Cards

$$3 \cdot 2 - 6 \div 2 + 5$$

$$4^3 - 7 \cdot (8 + 2) \div 5$$

$$(12 - 8)^2 + 21 - 4$$

$$7^2 - 9 \cdot 3 - |-2|$$

$$\frac{28 - (3^2 - 2)}{4^2 - 13}$$

$$2 \cdot 10^2 + 4 - 7 \cdot 2^5$$

$$\frac{36 - 3 \cdot 4}{15 - 9 \div 3}$$

$$3 + 7(2^3 - 6)^2$$

$$(15 - 9)^2 \div (5 + 4)$$

Station F Cards

$$\frac{5 + 2 \cdot (3^2 - 1)}{8 - 20 \div 4}$$

$$\frac{20 - [4^2 \div (2 + 14)] + 5}{4^2 - 13}$$

$$3[2(7 + 3) - 5(6 - 2)]$$

$$99 - [(3 + 5)^2 - (4^2 - 1)]$$

$$4 - 7 \cdot (10 + 4 \div 2)$$

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

$$(2 + 4 \cdot 3 - 8) + 9^2$$

$$23 - [(5 - 2)^2 + 8 \div 4]$$

$$8 + 3(7 - 4) - (13 - 9)$$

Station G Cards

$$60 - [(12 - 4)^2 + 12 \div 6]$$

$$18 - 7 \cdot 6 \div 2 + 4^2$$

$$\frac{2 \cdot 4^2 - 8 \div 2}{(5 + 2) \cdot 2}$$

$$\frac{12[30 - (9 + 4^2)]}{8 - 2^2}$$

$$8 + 2 \cdot 3^2 - 3 + 4^2 - 5$$

$$5 + 3 \cdot 2 - 4^2 \cdot |-2|$$

$$135 \div [5 \cdot (7 - 4)^2]$$

$$(8 - 5)^2 - (4^3 - 5^2) \div 3$$

$$\frac{8(3 + 4) - 4^2}{6^2 - 8 \cdot 5}$$

Station H Cards

$$\frac{3 \cdot (5 + 8) - 9^2}{4 + 3}$$

$$2[30 - (1 + 4)^2]$$

$$(8 \div 2)^2 - [(45 - (7 + 3^2))]$$

$$(9 - 2)^2 - (2^2 - 3^3) + 2$$

$$\frac{8[14 - (7 + 4^2)]}{5^2 - 7 \cdot 3}$$

$$2[18 - (5 + 3^2) \div 7]$$

$$35 - 14 \div 2 + 8^2$$

$$(7 - 4)^2 - 6 \cdot 7 + 32$$

$$9 - 5 \div (8 - 3) \cdot 2 + 6$$

Station I Cards

$$\frac{6(2 + 4) - 1}{2 \cdot 3 + 1}$$

$$|-16| \div \frac{(3^2 - 4)}{5 - 10}$$

$$4^2 - 3 \cdot [(5^2 - 9) \div 2]$$

$$\frac{(13 - 3)^2 + 14}{4^2 - 5 \cdot 2}$$

$$1 + (11 - 4)^2 + 3 \cdot 5$$

$$\frac{13 + 7^2 \div 7}{9 - 20 \div 4 + 16}$$

$$86 - [(9 - 4)^2 \cdot 3]$$

$$\frac{(13 - 4)^2 - 6}{25 \div 5} - |-2|$$

$$[(-5 + 1) \div 2]^3 - |-7|$$

Station A Cards

$$56 \div (3^3 - 19) - 2 \cdot 6$$

-5

$$24 - (5 + 3)^2 + 4 \cdot 2^3$$

-8

$$6^2 - [11 + 3 \cdot (2 + 4)] + 2^3$$

15

$$(6 - 1)^2 + 24 \div 3 \cdot 7 - 4$$

77

$$24 \div (6 - 2) + 2^3$$

14

$$\frac{6(2 + 4) - 1}{2 \cdot 3 + 1}$$

5

$$\frac{2^5 \div 8 + 3}{4 + 3}$$

1

$$\frac{17 \cdot 5 - 3 \cdot 5}{3^2 + 1}$$

7

$$24 \div (3^2 - 7) - 15$$

-3

Station B Cards

$$\frac{7^2 + 23}{10 - 2 \cdot 3} \div |-3|$$

6

$$7[3^2 - 2(1 + 2)] \div 7 + 5^2$$

28

$$12 + 2 \cdot 5^2 - 1$$

61

$$4^3 - (2 + 3^2) + |-4|$$

57

$$(54 - 3) \div 17 + 10 - 4^2$$

-3

$$17 - 2(4^2 - 1)$$

-13

$$3^2 - 8 \cdot 2 + 7^2 - 35$$

7

$$\frac{44 + (50 - 2^5)}{2 - 2^2}$$

-31

$$\frac{18 + 7^2 - 7}{9 - 20 \div 4 + 16}$$

3

Station C Cards

$$(4 + 5)^2 - |-7| + 3$$

77

$$(8 - 6)^3 \div 4 - 12 + 5 \cdot 2$$

0

$$\frac{8^2 - (2^5 + 5)}{12 - 3^2}$$

9

$$4 \cdot 3 - 6 \cdot 5 + (3^2 - 1)$$

-10

$$2^3 \cdot (9 - 2) + \frac{12}{4} - |-5|$$

54

$$\frac{2^2 - 3 \cdot 4 + 7}{5 - 2^2 \cdot 3 + 6}$$

1

$$4 - 3[4 - 2(6 - 3)] \div 2$$

7

$$10 \cdot (3^2 - 3) \div -5$$

-12

$$8 \div (3^2 - 5) + 12$$

14

Station D Cards

$$(3 + 10 \div 2 - 6 + 18) \div 2^2$$

5

$$(4 + 5) \div 3 \cdot 2 + (2^2 - 1)$$

9

$$\frac{8 + 2(4 - 1)}{3^2 - 2}$$

2

$$18 - (5 + 3^2) \div 7$$

16

$$\frac{41 - 3^2}{6 \cdot 3 - 26}$$

-4

$$10^2 + 2(16 - 8^2)$$

4

$$[(7^2 - (9 + 5))] - 6^2 \div 4$$

26

$$2^3 \div 4 + 3 \cdot 5^2$$

77

$$2^3 + 5 \cdot (6 + 4) \div 2$$

33

Station E Cards

$$\frac{28 - (3^2 - 2)}{4^2 - 13}$$

7

$$3 \cdot 2 - 6 \div 2 + 5$$

8

$$2 \cdot 10^2 + 4 - 7 \cdot 2^5$$

-20

$$4^3 - 7 \cdot (8 + 2) \div 5$$

50

$$\frac{36 - 3 \cdot 4}{15 - 9 \div 3}$$

2

$$(12 - 8)^2 + 21 - 4$$

33

$$3 + 7(2^3 - 6)^2$$

31

$$7^2 - 9 \cdot 3 - |-2|$$

20

$$(15 - 9)^2 \div (5 + 4)$$

4

Station F Cards

$$4 - 7 \cdot (10 + 4 \div 2)$$

-80

$$\frac{5 + 2 \cdot (3^2 - 1)}{8 - 20 \div 4}$$

7

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

35

$$\frac{20 - [4^2 \div (2 + 14)] + 5}{4^2 - 13}$$

8

$$(2 + 4 \cdot 3 - 8) + 9^2$$

87

$$3[2(7 + 3) - 5(6 - 2)]$$

0

$$23 - [(5 - 2)^2 + 8 \div 4]$$

12

$$99 - [(3 + 5)^2 - (4^2 - 1)]$$

50

$$8 + 3(7 - 4) - (13 - 9)$$

13

Station G Cards

$$8 + 2 \cdot 3^2 - 3 + 4^2 - 5$$

34

$$60 - [(12 - 4)^2 + 12 \div 6]$$

-6

$$5 + 3 \cdot 2 - 4^2 \cdot |-2|$$

-21

$$18 - 7 \cdot 6 \div 2 + 4^2$$

13

$$135 \div [5 \cdot (7 - 4)^2]$$

3

$$\frac{2 \cdot 4^2 - 8 \div 2}{(5 + 2) \cdot 2}$$

2

$$(8 - 5)^2 - (4^3 - 5^2) \div 3$$

-4

$$\frac{12[30 - (9 + 4^2)]}{8 - 2^2}$$

15

$$\frac{8(3 + 4) - 4^2}{6^2 - 8 \cdot 5}$$

-10

Station H Cards

$$\frac{3 \cdot (5 + 8) - 9^2}{4 + 3}$$

-6

$$2[30 - (1 + 4)^2]$$

10

$$(8 \div 2)^2 - [(45 - (7 + 3^2))]$$

-13

$$(9 - 2)^2 - (2^2 - 3^3) + 2$$

74

$$\frac{8[14 - (7 + 4^2)]}{5^2 - 7 \cdot 3}$$

-18

$$2[18 - (5 + 3^2) \div 7]$$

32

$$35 - 14 \div 2 + 8^2$$

92

$$(7 - 4)^2 - 6 \cdot 7 + 32$$

-1

$$9 - 5 \div (8 - 3) \cdot 2 + 6$$

13

Station I Cards

$$1 + (11 - 4)^2 + 3 \cdot 5$$

65

$$\frac{6(2 + 4) - 1}{2 \cdot 3 + 1}$$

5

$$\frac{13 + 7^2 \div 7}{9 - 20 \div 4 + 16}$$

1

$$|-16| \div \frac{(3^2 - 4)}{5 - 10}$$

-16

$$86 - [(9 - 4)^2 \cdot 3]$$

11

$$4^2 - 3 \cdot [(5^2 - 9) \div 2]$$

-8

$$\frac{(13 - 4)^2 - 6}{25 \div 5} - |-2|$$

13

$$\frac{(13 - 3)^2 + 14}{4^2 - 5 \cdot 2}$$

19

$$[(-5 + 1) \div 2]^3 - |-7|$$

-15

Station A – WHO?

-3	Mrs. Wilson
-5	Mr. Wilks
-8	Ms. Snow
15	Mr. Hoffman
77	Mr. Jucksch
14	Mr. Saniga
5	Mr. Heft
1	Dr. Soltner
7	Mrs. Burr

Station B – DOING WHAT?

3	Grading papers
6	Drinking coffee
28	Making copies
61	Playing basketball
57	Flying a kite
-3	Coaching football
-13	Mountain Climbing
7	Surfing
-31	Running

Station C – WITH?

14	Lebron James
77	Lady Gaga
0	Taylor Swift
9	Justin Bieber
-10	Michael Phelps
54	Gabby Douglas
1	Barack Obama
7	Tim Tebow
-12	Elmo

Station D – WEARING?

33	Pajamas
5	Bow-ties
9	Gorilla costumes
2	Swimsuits
26	Dress Pants
-4	Tu-Tus
4	Clown shoes
16	Sunglasses
77	Top-Hats

Station E – WHERE?

4	The Outer Banks
7	Mount Trashmore
8	Sandbridge
-20	Disney World
50	Oceanfront
2	Town Center
33	Lynnhaven Mall
31	Great Neck MS
20	Busch Gardens

Station F – WHEN?

13	Last Saturday night
-80	On the 4 th of July
7	In the middle of the night
35	On Halloween
8	Before school
87	At a GN football game
0	At sunset
12	On the last day of school
50	The day of the Algebra SOL

Station G – IN/ON?

-10	On a boat
34	In a plane
-6	In a Ferrari
-21	On a horse
13	On a fire truck
3	In a police car
2	On a stagecoach
-4	In a tank
15	In a hot-air balloon

Station H – WHILE?

13	Hopping on one foot
-6	Riding unicycles
10	Juggling
-1	Doing back-flips
74	Solving Equations
-18	Wrestling a bear
32	Eating pies
92	Drinking a smoothie
-13	Eating Cheetos

Station I – WHY?

-15	To show how cool math is
65	To get a snow cone
5	To win a bet
1	To impress everyone
-16	To promote world peace
11	To end world hunger
-8	Because they felt like it
13	Because everyone else was doing it
19	To get a paycheck