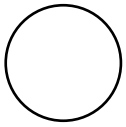
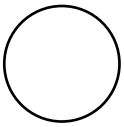
ORDER OF OPERATIONS
& Evaluating Expressions

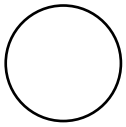
Name: _____

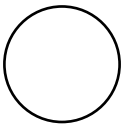
Date: _____ **Per:** _____

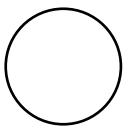
Directions: Use your answers to determine which problem to go to next. Be sure to write down the letter of the problem at each station in the circle. You should end at the problem you started with.

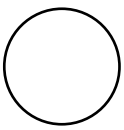












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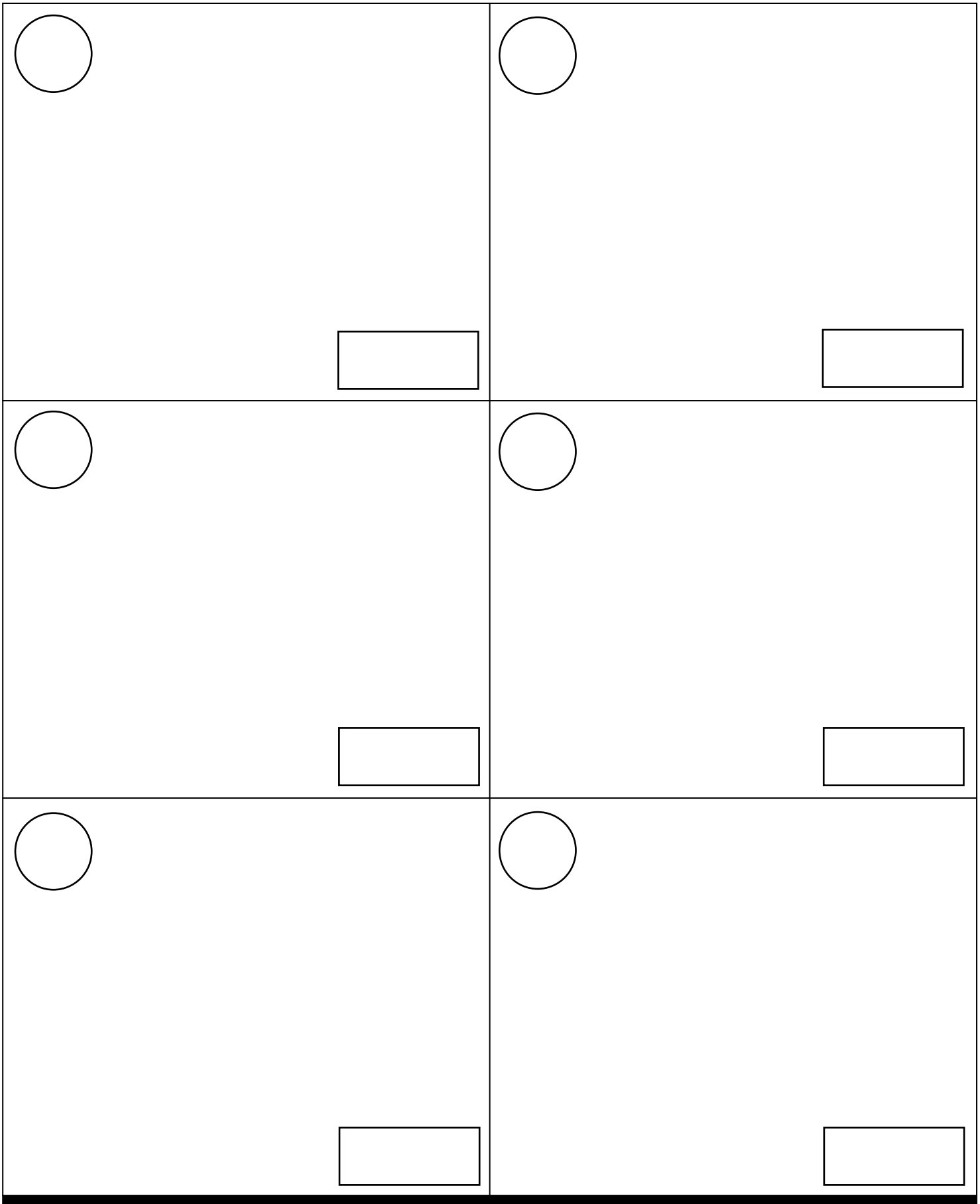

RECORD THE LETTERS OF THE SCAVENGER HUNT IN THE ORDER THAT YOU SOLVED THEM:

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PREVIOUS ANSWER:

35

ORDER OF OPERATIONS & Evaluating Expressions

Evaluate the expression below:

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

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PREVIOUS ANSWER:

-30

ORDER OF OPERATIONS & Evaluating Expressions

B

Evaluate the expression below:

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

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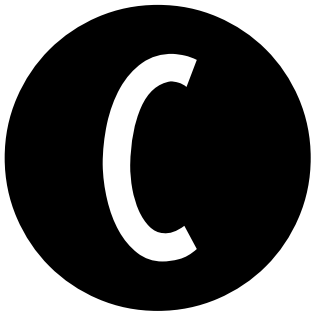
PREVIOUS ANSWER:

21

ORDER OF OPERATIONS & Evaluating Expressions



Evaluate the expression below:

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

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PREVIOUS ANSWER:

-6

ORDER OF OPERATIONS & Evaluating Expressions

D

Evaluate the expression below when $r = 3$, $q = 2$, and $s = 5$:

$$r^3 - \left[q + (r - s)^2\right]$$

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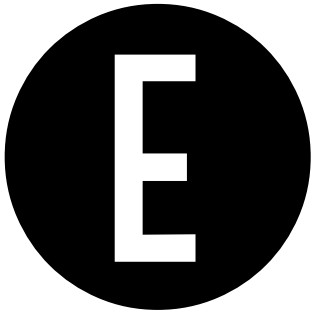
PREVIOUS ANSWER:

10

ORDER OF OPERATIONS & Evaluating Expressions



Evaluate the expression below when $m = -4$:

$$4m^2 - 5m$$

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PREVIOUS ANSWER:

46

ORDER OF OPERATIONS & Evaluating Expressions

F

Evaluate the expression below when $a = 5$ and $b = -9$:

$$\frac{a^2 - b^2}{a - b}$$

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PREVIOUS ANSWER:

-3

ORDER OF OPERATIONS & Evaluating Expressions

G

Evaluate the expression below when $g = 2$, $h = -3$, and $w = 7$:

$$g^2 - 3(h - g) - w^2$$

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PREVIOUS ANSWER:

-4

ORDER OF OPERATIONS & Evaluating Expressions

Evaluate the expression below:

$$(8 \div 2)^2 - [(15 - 7) + 3^2]$$

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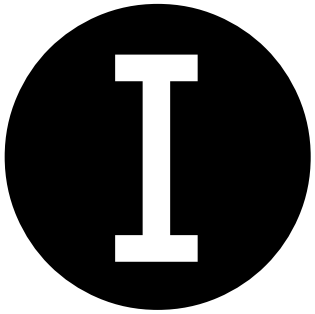
PREVIOUS ANSWER:

-18

ORDER OF OPERATIONS & Evaluating Expressions



Evaluate the expression below when $x = -2$ and $y = 5$:

$$3x^2y - y^2$$

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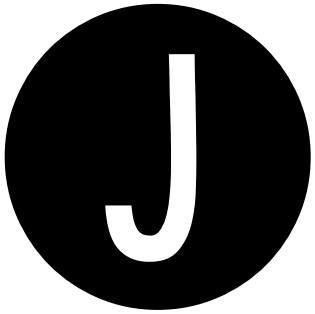
PREVIOUS ANSWER:

13

ORDER OF OPERATIONS & Evaluating Expressions



Evaluate the expression below when s = -3 and t = -2:

$$-s^3 - 5st$$

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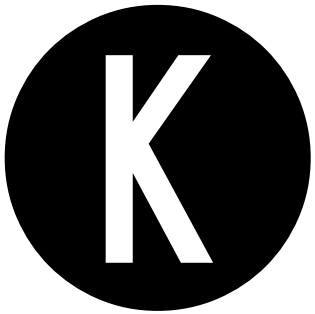
PREVIOUS ANSWER:

-1

ORDER OF OPERATIONS & Evaluating Expressions



Evaluate the expression below:

$$\frac{8\left[14-\left(7+4^{2}\right)\right]}{|-12|-|-8|}$$

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PREVIOUS ANSWER:

84

ORDER OF OPERATIONS & Evaluating Expressions

L

Evaluate the expression below:

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

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ORDER OF OPERATIONS
& Evaluating Expressions

Name: ANSWER KEY

Date: _____ **Per:** _____

Directions: Use your answers to determine which problem to go to next. Be sure to write down the letter of the problem at each station in the circle. You should end at the problem you started with.

A 13	J -3
G -30	B 10
E 84	L -6

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D	C
21	46
F	H
-4	-1
K	I
-18	35

RECORD THE LETTERS OF THE SCAVENGER HUNT IN THE ORDER THAT YOU SOLVED THEM:

A	J	G	B	E	L	D	C	F	H	K	I

***Note:** Based on where students begin, letters will fall in this order.

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