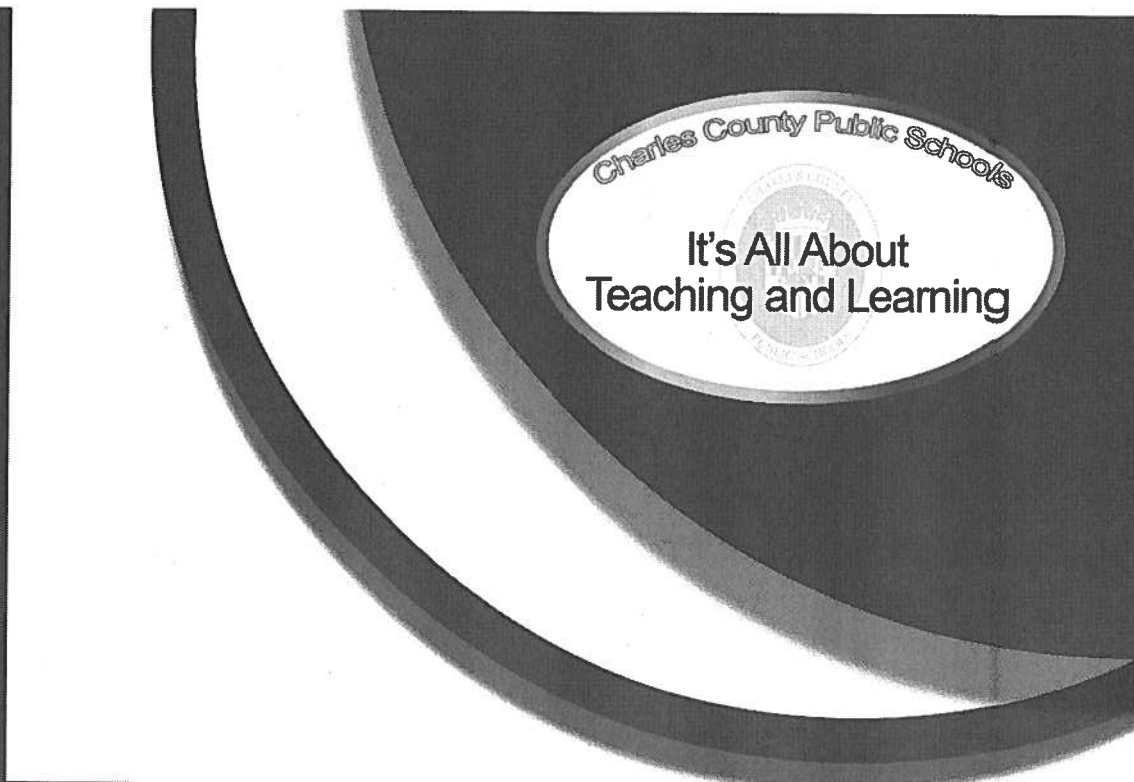


ESOL Math (Grade 9)



CHARLES COUNTY PUBLIC SCHOOLS

ESOL Math
(Grade 9)
Weeks 7-8
(May 18 – May 29)

Dear parents,

If your child is participating in distance learning solely through the completion of our instructional packets, you are required to call or email the principal to inform them of your child's participation status, since packet-assignments will not be collected until a later time. Please keep all of your child's work in a safe place until you are notified of when, where and how to submit. Thank you for your attention to this matter.



ESOL Math (Grade 9)

Estimados padres,

Si su hijo/a está participando en el aprendizaje a distancia completando solamente nuestros paquetes de instrucción, deberá llamar o enviar un correo electrónico al director para informarle sobre el estado de participación de su hijo/a, ya que las asignaciones realizadas en los paquetes no se recopilarán hasta más tarde. Por favor mantenga todo el trabajo de su hijo/a en un lugar seguro hasta que se le notifique cuándo, dónde y cómo presentarlo. Gracias por su atención a este asunto.

CCPS 24-Hour Hotline

Línea Telefónica de Ayuda en Español de CCPS que Funciona 24 Horas

1-240-523-3032

Using Integers to Compare Winter Temperatures

Directions: Look at the attached temperatures of the states in the United States and answer the following questions.

State	Avg ° F	Avg ° C	Rank
Montana	21.2	-6.0	41
Nebraska	25.7	-3.5	36
Nevada	32.2	0.1	25
New Hampshire	21.1	-6.1	43
New Jersey	33.0	0.6	21
New Mexico	36.1	2.3	16
New York	23.3	-4.8	38
North Carolina	42.1	5.6	11
North Dakota	12.2	-11.0	49
Ohio	29.5	-1.4	28
Oklahoma	39.1	3.9	13
Oregon	34.0	1.1	20
Pennsylvania	28.4	-2.0	31
Rhode Island	31.4	-0.3	27
South Carolina	46.1	7.8	9
South Dakota	19.5	-6.9	44
Tennessee	39.1	3.9	13
Texas	47.9	8.8	4
Utah	28.2	-2.1	33

Virginia	36.8	2.7	15
Washington	33.0	0.6	21
West Virginia	32.8	0.4	23
Wisconsin	17.2	-8.2	46
Wyoming	21.2	-6.0	41

- 1.) Which state has the warmest temperatures in the winter months?
- 2.) Write the warmest temperature in degrees Fahrenheit and in degrees Celsius.
- 3.) Which state has the coldest temperatures in the winter months?
- 4.) Write the warmest temperature in degrees Fahrenheit and in degrees Celsius.
- 5.) New York's average winter temperature is 23.3 degrees F and -4.8 degrees C. What does the negative integer (-4.8) represent?
- 6.) List the other states that have average winter temperatures in the negative numbers for Celsius degrees.
- 7.) If you had to live in one of these states in the winter, which one would you pick? Why?

I would live in _____ in the winter because _____.

- | |
|------------------------------|
| I like warmer weather |
| I like cold weather |
| I have family in that state. |
| I like the snow. |

Order of Operations and expressions

Solve expressions with parentheses

Question 1:

Solve:

$$(58 \div 2) \times (16 - 15) \times (1 + 2) =$$

Question 2:

Solve:

$$(29 + 25) \div (16 \div 8) \div (26 - 17) =$$

Question 3:

Solve:

$$(8 \times 5) + (21 \div 3) + (73 - 54) =$$

Question 4:

Solve:

$$(9 \times 5) \div (2 + 3) \div (13 - 10) =$$

Question 5:

Solve:

$$(5 \times 3) + (6 \times 6) + (32 \div 4) =$$

Solve expressions with parentheses, brackets, and braces

Question 1:

Simplify:

$$[(6 + 3) + 5] \div 7 =$$

Question 2:

Simplify:

$$[(8 + 3) \times 4] \div 4 =$$

Question 3:

Simplify:

$$[(5 + 17) \times 2] \div 11 =$$

Question 4:

Simplify:

$$10 \div [(5 + 2) - 5] =$$

Question 5:

Simplify:

$$4 \times [(8 + 12) \div 4] =$$

Select the expression that correctly represents the written statement.

Three squared divided by seven.

$$3^2 \div 7$$

$$7 \div 3^2$$

The sum of nine and one, times four.

$$(9 + 1) \times 4$$

$$9 \times 4 + 1$$

Two more than the product of three and six

$$3 + 2 \times 6$$

$$3 \times 6 + 2$$

Select the expression that correctly represents the written statement.

Four less than the sum of ten and five

$$(10 + 5) - 4$$

$$4 - 10 + 5$$

Five squared times three

$$(5 \times 3)^2$$

$$5^2 \times 3$$

Seven minus the product of two and nine

$$7 - 2 \times 9$$

$$2 \times 9 - 7$$

Write each word into the corresponding operation.

more than	quotient	minus	product	sum of
less than	squared	power	cubed	times

$+$

$-$

\times

\div

Exponent