Name: ____

2.

1. Look at the expression.

7*z*

- A. 7 times some number
- B. 7 equals z
- C. 7 z
- D. 7 more than a number

How do you read the expression?

- A. B only B. C only
- C. A and C only D. D only

- Date: _____
- 3. The expression $\frac{b}{6}$ means—
 - A. some number minue 6
 - B. some number times 6
 - C. some number divided by 6
 - D. 6 subtracted from some number

- 4. The expression $n \cdot 3$ means—
 - A. three times some number times 3
 - B. some number multiplied by 3
 - C. some number plus 3
 - D. some number divided by 3

- B. s equals 4
- C. s minus 4

Look at the expression.

s - 4

D. some number minus 4

A. 4 less than some number

How do you read the expression?

- A. A only B. D only
- C. B and C only D. A, C and D only
- 5. Write an algebraic expression for the following situation:

"twenty-seven increased by y"

A. 27 + y B. y - 27 C. 27y D. $27 \div y$

6. Write an algebraic expression for the following situation:

"four more than y plus two"

- A. 2y + 4 B. (y + 2) + 4
- C. 4 (y + 2) D. 4y + 2

- 7. The difference of two numbers is 14. If the larger number is *x*, write an expression that represents the other number.
 - A. 14x B. x 14 C. 14 x D. $\frac{14}{x}$

- 8. If *n* represents a number, what is an algebraic expression for "a number decreased by 33"?
 - A. -33*n* B. *n*-33
 - C. 33 n D. n + 33

- 9. Write an expression to represent the total cost of one matinee movie ticket, *t*, one small drink, *d*, and one small popcorn, *p*, each for 6 people.
 - A. t + d + 6pB. t + d + pC. 6t + 6d + 6pD. $(t + d + p) \div 6$

- 10. Translate "four more than the difference of e squared and f."
 - A. $4(e-f)^2$ B. $\frac{(e-f)^2}{4}$
 - C. $(e^2 f) + 4$ D. $(e f)^2 + 4$

- 11. Which of the following is an expression?
 - A. 4x + 3 = 9 B. $3 \le 2x 5$
 - C. 3x + 4 D. $\frac{x}{7} 7 > 6$

12. Look at the expression.

3(4+7)

What are the factors of the expression?

A. 4 and 7
B. 3 and 7
C. 3 and (4 + 7)
D. 3, 4, and 7

13. Look at the expression.

5(3-2)

What are the factors of the expression?

A. 2
B. 3
C. 5 and -2
D. 5 and (3 - 2)

14. Look at the expression.

3f + 1

15. Look at the expression.

6y - 2

A. y

Which of these is the coefficient?

B. 6

C. 6y

D. -2

Which of these is the coefficient?

17. In which order should the operations +,
-, and ÷ be inserted into the blanks of
78 24 2 6 = 72 to make the statement true?

A.
$$+, -, \div$$
 B. $-, \div, +$

 C. $+, \div, -$
 D. $\div, -, +$

18. If A stands for "add", S for "subtract", M for "multiply", and D for "divide", which one of the following sequences represents the correct *order* of operations when evaluating $4 - (-5 + 6 \times 7) \div 8$?

A.	MDAS	B.	AMAD
C.	MADS	D.	AMDS

- 16. Look at the expression.
 - t(6-4)

Which of the following describes the expression?

- A. the product of three constants
- B. the difference of a constant and a variable
- C. the product of two terms
- D. the sum of three terms

19. If A stands for "add", S for "subtract", M for "multiply", and D for "divide", which one of the following sequences represents the correct *order* of operations when evaluating $5 + (6 \times 7) \div 8 - 12$?

A. <i>MDAS</i> B.	AMAD
-------------------	------

C. MADS D. AMDS

20.	In the expression below, performed first?	which operation is	24.	Evaluate $3.2b + 4.1$	for $b = 7.4$	
	$-\frac{3}{4} + \frac{4}{5} \div \frac{1}{3} \times \frac{2}{5} - \frac{1}{2}$	$\frac{1}{4}$		A. 24.09 B. 25	.9 C. 27.78 I	D. 240.9
	A. $\frac{4}{5} \div \frac{1}{3}$	B. $\frac{1}{3} \times \frac{2}{5}$				
	C. $\frac{2}{5} - \frac{1}{4}$	D. $-\frac{3}{4} - \frac{1}{4}$				
			25.	Evaluate $4.7t + 3.8$	for $t = 3.1$	
				A. 4.98 B. 15	.67 C. 18.37 I	D. 148.8
21.	$2 \times 15 - 8 \div 4 = $					
	A. 3.5 B. 5.5	C. 26 D. 28	26		· P F	D :
			26.	reformula for pre- pressure in pascals, is area in square me a table with an area force of 36 newtons	source is $P = \frac{1}{A}$, when F is force in newton exters. What is the praef of 12 meters squar?	ere P is as, and A essure on red and
	$5 + 5 \cdot 5$			A. 2 pascals	B. 3 pascals	
22.	Simplify: -5 A. 3 B. 6	C. 10 D. 25		C. 24 pascals	D. 36 pascal	S
23.	Simplify: $\frac{2^3 + 188}{7^2}$		27.	The formula for force in newtons, <i>m</i> is m acceleration in mete would be the force kilograms and acceleration	the is $F = ma$, where ass in kilograms, an rs per squared secon of an object with materiation of 3 meters p	F is force d a is d. What ass of 60 er squared
	A. 3 B. 4	C. 14 D. 27		A. 2 N B. 20	N C. 90 N I	D. 180 N

T

28. For a school musical, ticket sales are represented by the equation T = \$3.25c + \$5.00a, where *c* is the number of children's tickets and *a* is the number of adult tickets. What is the total for ticket sales if 120 children's tickets and 250 adult tickets are sold?

Δ	\$2200.00	R	\$2000.00
А.	\$2200.00	Б.	\$2000.00

C. \$1860.00 D. \$1640.00

29. The formula P = 40r + 1.5r(h - 40) is used to calculate the weekly pay of an employee. In the formula, *r* is the regular hourly wage, and *h* is the number of hours worked. (Notice that overtime hours are paid at $1\frac{1}{2}$ times the regular wage.) If Jacinta earns \$8.00 an hour and works 42 hours in one week, what is her weekly pay?

A. \$333 B. \$344 C. \$424 D. \$480

30. The profit on a radio can be found by the formula P = \$32x - \$250, where x is the number of radios sold. What is the profit if 18 radios are sold?

A. \$290 B. \$314 C. \$326 D. \$344

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Expression Practice 2/5/2018 1. 15. Answer: С Answer: В Objective: 6.EE.2A Objective: 6.EE.2B 2. 16. Answer: D Answer: С Objective: 6.EE.2A 6.EE.2B Objective: 3. 17. Answer: С Answer: В 6.EE.2A Objective: Objective: 6.EE.2C 4. 18. Answer: В Answer: С Objective: 6.EE.2A Objective: 6.EE.2C 5. 19. Answer: А Answer: А Objective: 6.EE.2A Objective: 6.EE.2C 6. 20. Answer: В Answer: А 6.EE.2A Objective: Objective: 6.EE.2C 7. 21. Answer: В D Answer: 6.EE.2A Objective: Objective: 6.EE.2C 8. 22. Answer: В В Answer: 6.EE.2A Objective: Objective: 6.EE.2C 9. 23. С Answer: Answer: В 6.EE.2A Objective: 6.EE.2C Objective: 10. 24. Answer: С Answer: С 6.EE.2A Objective: 6.EE.2C Objective: 11. 25. С Answer: С Answer: 6.EE.2B Objective: Objective: 6.EE.2C 12. 26. С Answer: Answer: В Objective: 6.EE.2B Objective: 6.EE.2C 13. 27. D Answer: D Answer: Objective: 6.EE.2B Objective: 6.EE.2C 14.

Answer: A Objective: 6.EE.2B

28. Answer: Objective:	D 6.EE.2C
29. Answer: Objective:	B 6.EE.2C
30. Answer: Objective:	C 6.EE.2C