

142 • Expressions and EquationsEvaluate $2 + 3(5^3)$.

- a) 79
- b) 127
- c) 377

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Card 141: B

Name _____

Period _____

Math Review Sheet #6

Due Date _____

168 • Expressions and EquationsWhich expression is equivalent to $15x$?

- a) $30x - 23x + 8x$
- b) $\frac{30}{3x}$
- c) $4x + 5x + 18x$

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Card 167: C

170 • Expressions and EquationsWhich answer is the solution to $\frac{100}{x} = 20$?

- a) 5
- b) 8
- c) 10

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Card 169: B

196 • Expressions and Equations

Beth earns \$8.25 per hour at her after-school job. The number of hours she works each week varies. Which ordered pairs represent the amount of money she will earn if she works 10, 15, or 20 hours per week?

- a) (10, 15); (20, 25); (30, 35)
- b) (10, \$82.50); (15, \$123.75); (20, \$165)
- c) (10, \$8.25); (15, \$8.25); (20, \$8.25)

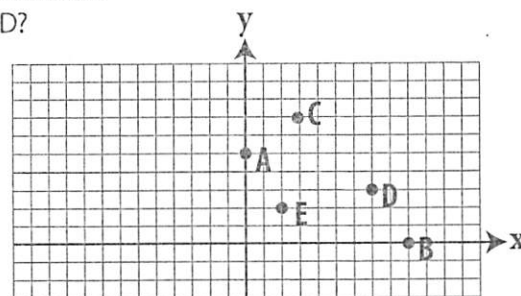
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Card 195: C

102 • The Number System

What is the coordinate pair for point D?

- a) (3, 7)
- b) (-7, 3)
- c) (7, 3)



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Card 101: B

152 • Expressions and EquationsWhich answer describes the expression $3(5 + 2)$?

- a) the quotient of 3 and the sum of 5 and 2
- b) the product of 3 and the sum of 5 and 2
- c) the product of 3 and the difference of 5 and 2

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Card 151: B

190 • Expressions and EquationsLing has \$25 in her bank account. She wants to buy a bracelet. Which inequality calculates the amount Ling can spend (s) on her bracelet and keep her bank account balance at \$0 and above?

- a) $25s \geq 0$
- b) $25 + s \leq 0$
- c) $25 - s \geq 0$

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Card 189: A

Complete each table and write the algebraic equation rule for each table.

8.

Input (x)	Output (y)
8	2
16	4
24	
36	9

9.

Input (x)	Output (y)
1	17
9	25
14	
	38

10.

Input (x)	Output (y)
	42
8	56
11	77
12	

11.

x	9	12			
y	5	8	15	21	25

12.

x	16	48	56		
y	2	6		10	12

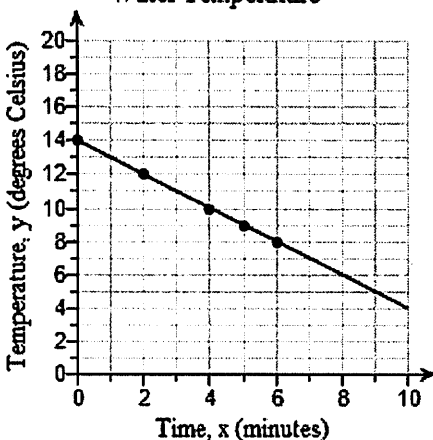
13. It costs \$8 for a ticket to go to the pottery painting studio. It costs an additional \$4 for each piece of pottery you paint.

Potter Painting Studio Costs		
Painted Pieces	Cost of Studio Fee and Painted Pieces	Total Cost (\$)
1	$8+4(1)$	
2		16
		24
7		
		48

Write an equation that shows the relationship between the number of pieces you paint p , and the total cost, T .

14. Shira put a glass of water in a refrigerator. The graph shows the water's temperature after x minutes. Use the graph to complete the table of values for x and y .

Water Temperature



Time (x)	Temp. (y)

Write an equation that represents the relationship between x and y .
