

Which answer is equal to $27 + 36$?

- a) $3(9 + 12)$
- b) $3(8 + 6)$
- c) $9(3 + 12)$

Period _____

Math Review Sheet #7

Due Date _____

64 • The Number System

What is the least common multiple of 4 and 7?

- a) 12
- b) 24
- c) 28

194 • Expressions and Equations

Which inequality represents the graph shown above?

- a) $x \geq 3$
- b) $x \leq 3$
- c) $x < 3$

164 • Expressions and EquationsWhich expression is equivalent to $25x + 5z$?

- a) $25 + 5$
- b) $25x + 5(5)$
- c) $5(5x + z)$

180 • Expressions and EquationsKelly's brother is 6 years older than she is. Kelly's brother is 24. Which equation will find Kelly's age (k)? What is Kelly's age?

- a) $k - 6 = 24$; $k = 30$
- b) $k + 24 = 6$; $k = -18$
- c) $k + 6 = 24$; $k = 18$

154 • Expressions and EquationsWhich answer describes the 5 in $5y^3$?

- a) variable
- b) power
- c) coefficient

62 • The Number System

What is the greatest common factor of 15 and 40?

- a) 4
- b) 5
- c) 15

Expand each expression using the Distributive Property. Combine Like Terms if Necessary.

8

$$4(5x + 6)$$

9

$$8(4x + 9)$$

10

$$2(10 - 3x)$$

11

$$3(x + 7)$$

12

$$6(3x + 7y - 2)$$

13

$$9(x + 2y - 8)$$

14

$$5(x + y) + 3(4z + 7)$$

15

$$6(5 + y) + 2(x + 4z)$$

16

$$12a - 6b + 7b - 9a$$

17

$$5 + 16x - 8x - x + 19$$

18

$$6b + 4(8a - b) + 7a$$

19

$$3(2x + 3y + 9) - y$$

20

$$2(a + b) + 5(3a - 4c)$$

21

$$8(3 - 2x) + 3(9x - y)$$