Name_____ Date_____

Chapter 3 Quiz
For use after Section 3.2

Identify the terms and like terms in the expression.

1. $10x + 5 + 3x + 1$

2. $-2n + 7n - r + 10r$

3. $-12h^2 - 4 + 9 - 3h^2$

4. $1.4c + 11.4 - 2c - 7.3c$

Simplify the expression.

5. $8v - 15v$

6. $7d + 5 - 4d$

7. $12x + 9 - 3x - 4$

8. $3(x - 4) + 5x$

Find the sum or difference.

9. $(3x - 5) + (-4x + 1)$

10. $6(-2.1k - 2) + (7k + 5)$

11. $(2m + 7) - (3 - 4m)$

12. $\frac{2}{3}(6c + 4) - (8c - 5)$
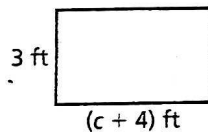
Factor out the coefficient of the variable.

13. $\frac{1}{2}d + 6$

14. $-3.6z - 10.8$

15. You and your friends order food from a menu where each item costs the same amount. Write an expression in simplest form that represents the total amount of money the order will cost.

GUEST CHECK

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4 Soda
1 Milkshake
5 Cheeseburger
2 Chicken Fingers
4 French Fries

16. Write an expression in simplest form for the area of the rectangle.

3 ft

(c + 4) ft

17. Eastside Bowling charges $2.25 for shoes and $3.00 per game. Westside Bowling charges $1.75 for shoes and $2.50 per game. Write an expression in simplest form that represents how much more Eastside Bowling charges than Westside Bowling.

Answers

1. _____

_____

2. _____

_____

3. _____

_____

4. _____

_____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____