Practice 1-1

Write an expression for each quantity.

1. the value in cents of 5 quarters _____

2. the value in cents of q quarters _____

3. the number of months in 7 years _____

4. the number of months in y years _____

5. the number of gallons in 21 quarts _____

6. the number of gallons in q quarts _____

Write a variable expression for each word phrase.

7. 9 less than k

_____

8. m divided by 6

_____

9. twice x

_____

10. 4 more than twice x

_____

11. the sum of eighteen and b

_____

12. three times the quantity 2 plus a

_____

Tell whether each expression is a numerical expression or a variable expression. For a variable expression, name the variable.

13. $4d$ _____

14. $74 + 8$ _____

15. $\frac{4(9)}{6}$ _____

16. $14 - p$ _____

17. $5k - 9$ _____

18. $3 + 3 + 3 + 3$ _____

19. $19 + 3(12)$ _____

20. $25 - 9 + x$ _____

The room temperature is c degrees centigrade. Write a word phrase for each expression.

21. $c + 15$

_____

22. $c - 7$

_____