**43*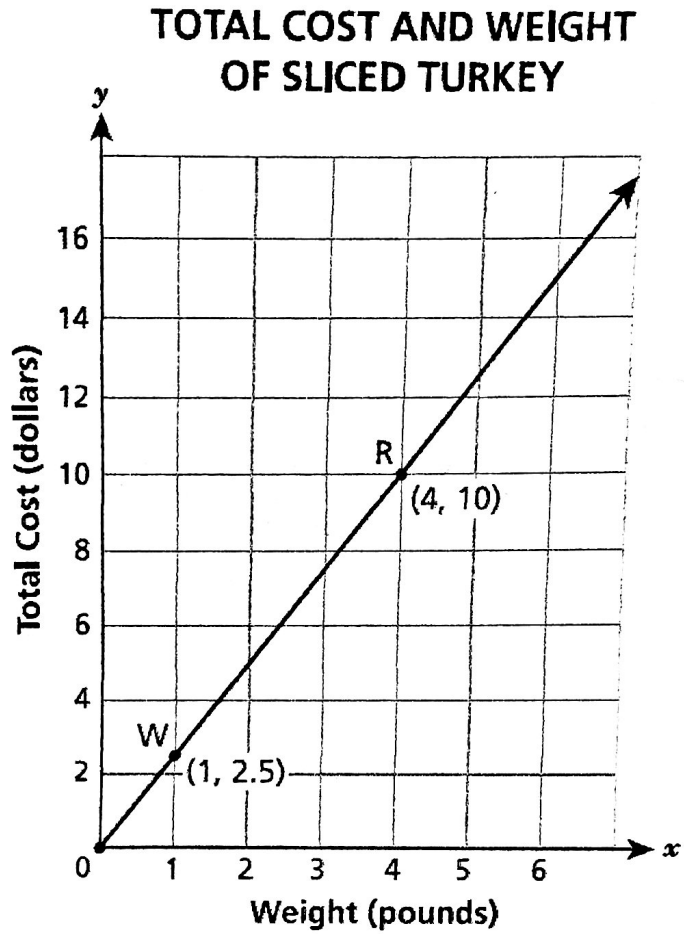* A grocery store sells sliced turkey. The graph shows the relationship between the weight of the sliced turkey and the total cost of the sliced turkey. Two points, R and W, are labeled on the graph shown below.

TOTAL COST AND WEIGHT OF SLICED TURKEY

y

Total Cost (dollars)

16

14

12

10   R
      (4, 10)

8

6

4

W
2   (1, 2.5)

0   1   2   3   4   5   6   x

Weight (pounds)

Which statement about the graph is true?

A Point R means that the unit rate is $10.00 per pound.

B Point R means that the unit rate is 4 pounds per dollar.

C Point W means that the unit rate is $2.50 per pound.

D Point W means that the unit rate is 2.5 pounds per dollar.

44 An item with an original price of *p* dollars is on sale at a 25% discount. Which expression is **not** equivalent to the price of the item with the discount?

A $(1.0p - 0.25p)$

B $(1.0 - 0.25)p$

C $0.75p$

D $0.25p$

45 A circle has a diameter of 26 units. What is the area of the circle to the nearest hundredth of a square unit?

A 81.68

B 530.93

C 2,123.72

D 8,494.87

46 The width of a rectangle is $6\frac{2}{3}$ inches. The length of the rectangle is twice its width. What is the perimeter of the rectangle?

A 20 inches

B 40 inches

C $30\frac{2}{3}$ inches

D $88\frac{8}{9}$ inches