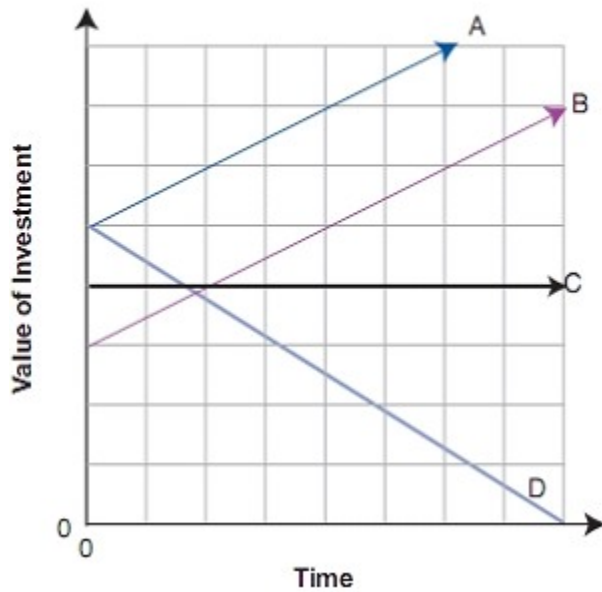The values of several investments over time are shown in the graph below.

Changing Value of Investments over Time
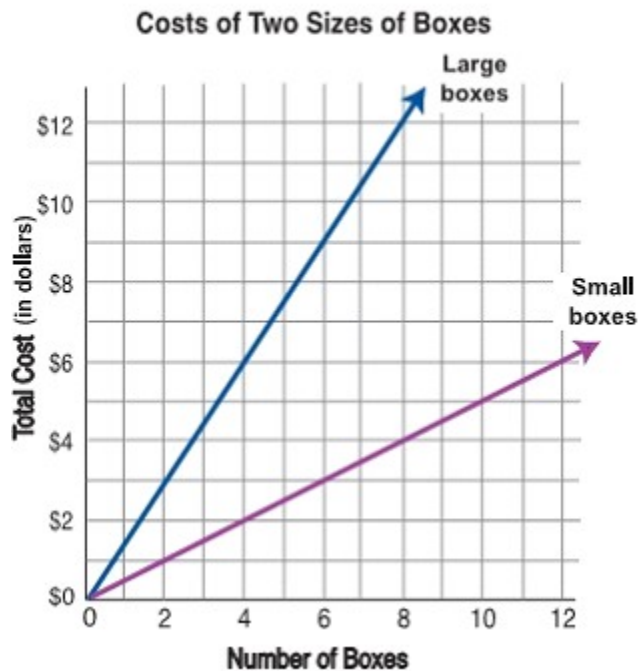

A. B and C
B. B and D
C. A and B
D. A and C
E. A and D

Correct Answer: E

QUESTION 158
What is the cost of 10 small boxes?

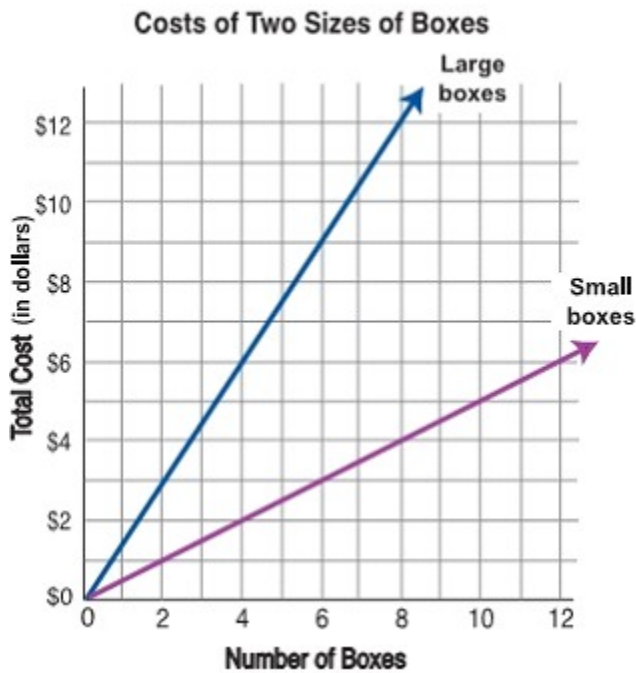Boxes of two different sizes are available for packaging. The costs of the boxes are shown in the graph below.

Costs of Two Sizes of Boxes

A. $ 4
B. $ 5
C. $ 6
D. $12
E. $15

Correct Answer: B

QUESTION 159
The slope of each line shows the cost per box. What is the cost of each LARGE box?

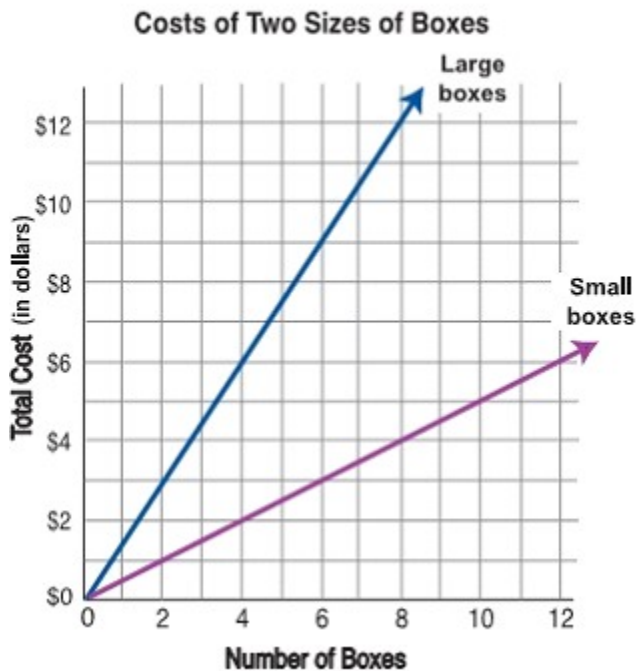Boxes of two different sizes are available for packaging. The costs of the boxes are shown in the graph below.

Costs of Two Sizes of Boxes

A. $0.50
B. $1.00
C. $1.50
D. $2.00
E. $3.00

Correct Answer: C

QUESTION 160
How many MORE small boxes than large boxes can be purchased for $6?

Boxes of two different sizes are available for packaging. The costs of the boxes are shown in the graph below.

Costs of Two Sizes of Boxes

A. 3
B. 4
C. 6
D. 8
E. 12

Correct Answer: D

QUESTION 161
It takes Brian 1 hour and 20 minutes to drive to school. At what time should he leave home to be at school at 10 P.M.?

A. 30 P.M.
B. 40 P.M.
C. 50 P.M.
D. 10 P.M.
E. 20 P.M.

Correct Answer: C

QUESTION 162
Bacteria infected 3/5 of the 300 trees in a forest. How many of the trees were infected with the bacteria?

A. 60

B. 100
C. 120
D. 180
E. 270

Correct Answer: D

QUESTION 163
The dimensions of a rectangular warehouse are 100 meters by 60 meters. Part of the floor space is used to house equipment, and the remainder is used to store crates. If the rectangular area used to house equipment is 40 meters by 40 meters, how many square meters are used for storing crates?

A. 1600
B. 4400
C. 4800
D. 5200
E. 6000

Correct Answer: B

QUESTION 164
Student tickets to a high school music concert cost $3 less than adult tickets. One student ticket and one adult ticket can be purchased for less than $15. If x is the cost of one adult ticket to the concert, which of the following statements is correct?

A. x + x - 3 < 15
B. x + x + 3 < 15
C. x + 2x < 15
D. x + 2x + x < 15
E. x + x - 4 < 15

Correct Answer: A

QUESTION 165
A triangle that does not contain a right angle has one side that measures 15 cm and another that measures 6 cm. What is the measure, in centimeters, of the third side of the triangle?

A. 9
B. 12
C. 15
D. 21
E. Not enough information is given.

Correct Answer: E

QUESTION 166