

19 The matrix shows the number of students in each grade who bought tickets for the school dance. If advance tickets cost \$4 and tickets purchased at the door cost \$6, which matrix shows the total revenue from tickets for the dance?

	9th	10th	11th	12th
Advance	35	44	56	82
at the Door	16	28	43	25

19 _____

A $\begin{bmatrix} 140 & 176 & 224 & 328 \\ 96 & 168 & 258 & 150 \end{bmatrix}$

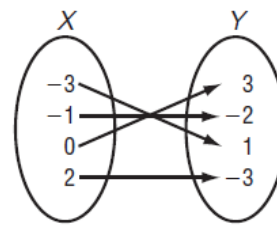
B $\begin{bmatrix} 210 & 264 & 336 & 492 \\ 64 & 112 & 172 & 100 \end{bmatrix}$

C $[236 \ 344 \ 482 \ 478]$

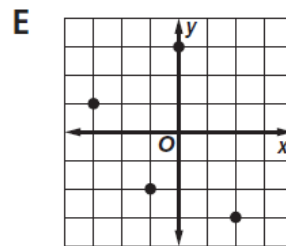
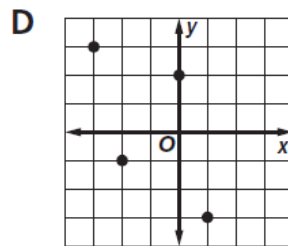
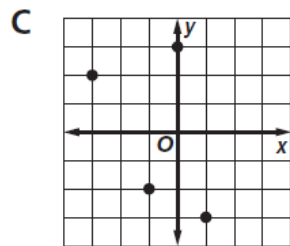
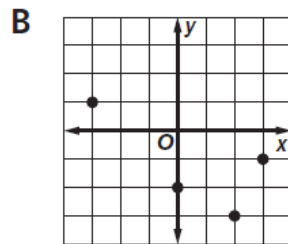
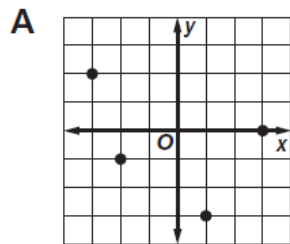
D $\begin{bmatrix} 868 \\ 672 \end{bmatrix}$

E $\begin{bmatrix} 96 & 168 & 258 & 150 \\ 140 & 176 & 224 & 328 \end{bmatrix}$

20 Which graph represents the relationship in the diagram?



20 _____



21 The formula $s = 5t^2 + 30t + 1000$ represents the average salary s of employees at Farm Products, Inc. over t years. Which is the dependent variable?

21 _____

A 1000

B 30

C 5

D s

E t

19 The matrix shows the number of students in each grade who bought tickets for the school dance. If advance tickets cost \$4 and tickets purchased at the door cost \$6, which matrix shows the total revenue from tickets for the dance? **I.C.6.**

	9th	10th	11th	12th
Advance	35	44	56	82
at the Door	16	28	43	25

19 **A**

A $\begin{bmatrix} 140 & 176 & 224 & 328 \\ 96 & 168 & 258 & 150 \end{bmatrix}$

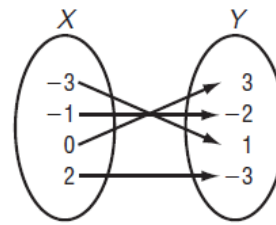
B $\begin{bmatrix} 210 & 264 & 336 & 492 \\ 64 & 112 & 172 & 100 \end{bmatrix}$

C $[236 \ 344 \ 482 \ 478]$

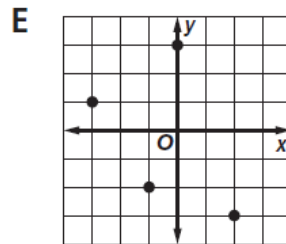
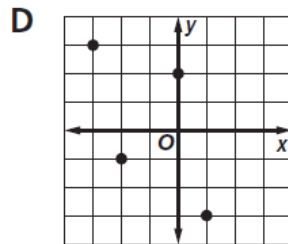
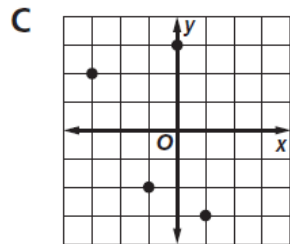
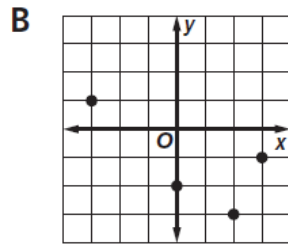
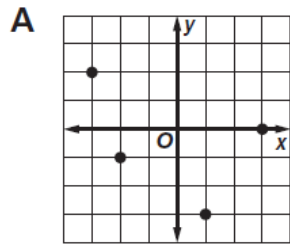
D $\begin{bmatrix} 868 \\ 672 \end{bmatrix}$

E $\begin{bmatrix} 96 & 168 & 258 & 150 \\ 140 & 176 & 224 & 328 \end{bmatrix}$

20 Which graph represents the relationship in the diagram? **I.A.4.**



20 **E**



21 The formula $s = 5t^2 + 30t + 1000$ represents the average salary s of employees at Farm Products, Inc. over t years. Which is the dependent variable? **I.A.1.**

21 **D**

A 1000

B 30

C 5

D s

E t