Lemon Growers Cooperative records the price per bin of lemons and how many hundreds of bins are shipped each week. Predict the price of a bin of lemons when 70 bins are shipped.

Bins Shipped (hundreds)	47	25	61	32	38	52	40
Price ($ per bin)	209	165	237	179	190	219	196

(linear)

[A] $255   [B] $270   [C] $315   [D] $289

Many parents start saving for their child's college tuition when the child is born. These parents need an estimate of future tuition costs. Predict the cost of tuition for the year 2010.

Year	Tuition ($)
1970	425
1975	850
1980	1200
1985	1625
1990	2025
1995	2500

(linear)

Round to the nearest dollar.

The Presidential Physical Fitness Award qualifying standards list the following times for the girl's shuttle run. Predict the time for a 6-year-old.

Age	9	10	11	12	13	14	15
Time (sec)	12.6	12.2	11.8	11.4	11.1	10.7	10.3

(linear)
Round to the nearest tenth

The recommended maximum heart rate during exercise is found in the table below. Predict the recommended heart rate for a 78-year-old.

Age	25	56	33	66	37	22	29
Heart beats per minute	195	164	187	154	183	178	191

(linear)

Round to the nearest whole number

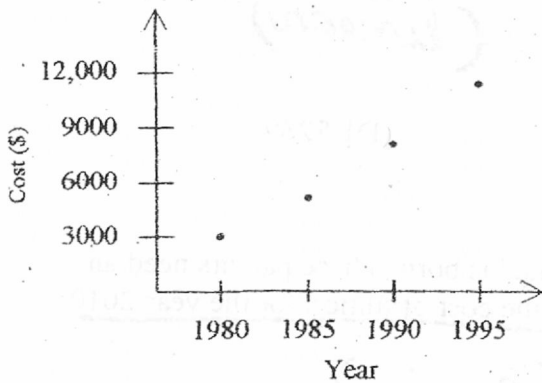Office space is leased by the square foot.
rent. Predict the cost of office space for the ninth street on the list.

Rank	Street	Office Rent Cost per Square Foot
1	Platte	$28.75
2	Wabash	$25.50
3	Concordia	$22.00
4	Fairpoint	$19.00
5	Chesire	$16.00
6	Henley	$12.50

(linear)
Round to the nearest cent

The scatter plot shows the cost of tuition at private college for the last 20 years. Predict the cost of college tuition in the year 2010.

(linear)

* find the points from the graph and make your own chart.

[A] $15,000   [B] $21,000   [C] $18,000   [D] $24,000

1) The National Physical Fitness Award qualifying standards list the following times for the one-mile run. Predict the time for a 16-year-old.

(linear)

Age	6	7	8	9	10	11	12
Time (min)	12.4	11.7	11.1	10.5	9.8	9.3	8.7

[A] 5.9 min   [B] 6.3 min   [C] 8.1 min   [D] 7.9 min

) The recommended maximum heart rate during exercise is found in the table below. Which prediction equation relates age to heart rate?

Age	20	26	30	38	45	52	60
Heart beats per minute	200	194	190	182	175	168	160

(linear)

[A] $y = -0.5x + 180$ [B] $y = -x + 220$ [C] $y = 6x + 10$ [D] $y = 10x$

Office space in a big city can be very expensive. Predict the cost of office space for the tenth city on the list.

⑨

(linear)

Rank	City	Office Rent Cost per Sq. Foot
1	Tokyo	$164
2	Hong Kong	$152
3	Bombay	$136
4	West London	$123
5	London	$106
6	Beijing	$94

[A] $73   [B] $21   [C] $38   [D] $49

* pick the approximate answer