

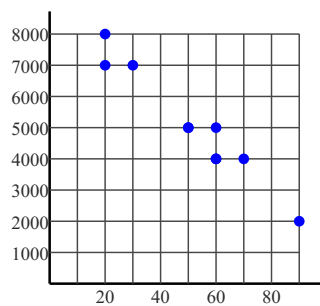
8.SP.2 Tri Final Practice

Date _____ Period _____

Find the slope-intercept form of the equation of the line that best fits the data.

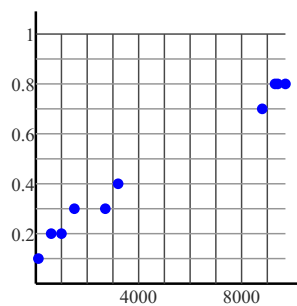
1)

X	Y	X	Y
20	7,000	60	4,000
20	8,000	60	4,000
30	7,000	60	5,000
50	5,000	70	4,000
50	5,000	90	2,000



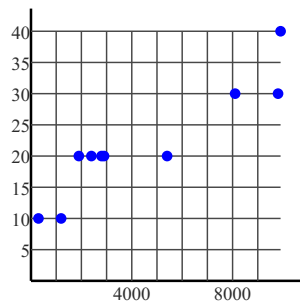
2)

X	Y	X	Y
100	0.1	3,200	0.4
600	0.2	8,800	0.7
1,000	0.2	9,300	0.8
1,500	0.3	9,400	0.8
2,700	0.3	9,700	0.8



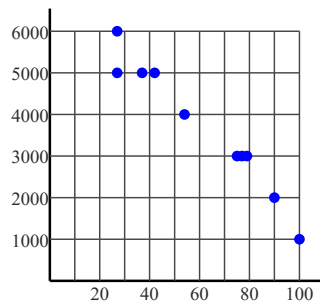
3)

X	Y	X	Y
300	10	2,900	20
1,200	10	5,400	20
1,900	20	8,100	30
2,400	20	9,800	30
2,800	20	9,900	40



4)

X	Y	X	Y
27	5,000	75	3,000
27	6,000	77	3,000
37	5,000	79	3,000
42	5,000	90	2,000
54	4,000	100	1,000



Answers to 8.SP.2 Tri Final Practice

1) $y = -78.174x + 9086.9$

2) $y = 6.8242 \times 10^{-5}x + 0.14404$

3) $y = 0.0023467x + 11.51$

4) $y = -57.275x + 7182.3$