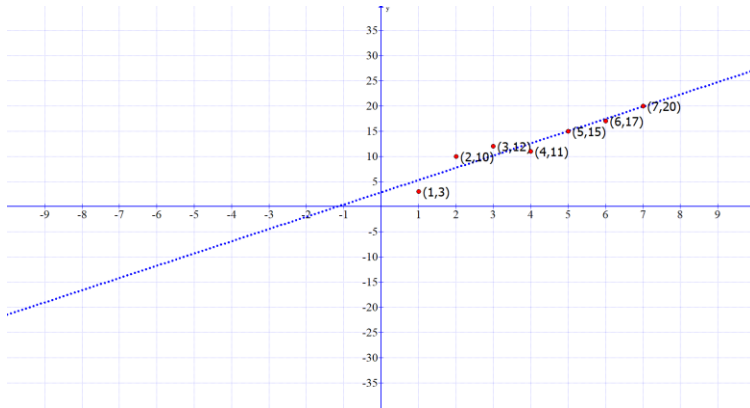


Section 4.2

1a)



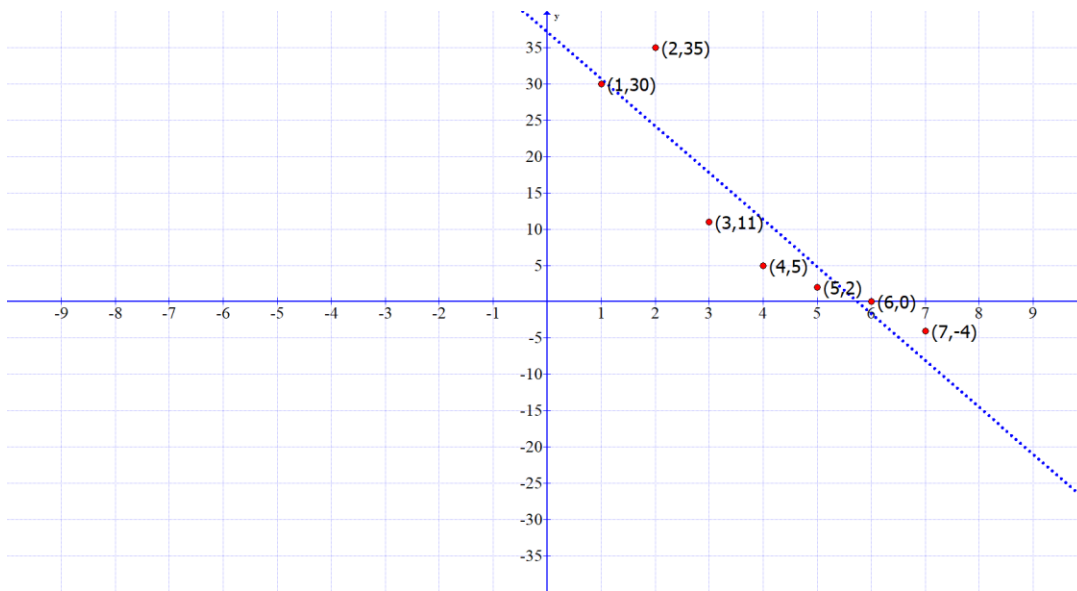
1b) $y = 2.43x + 2.86$

1c) $r = .95$

1d) very strong

1e) $y = 27.16$

3a)



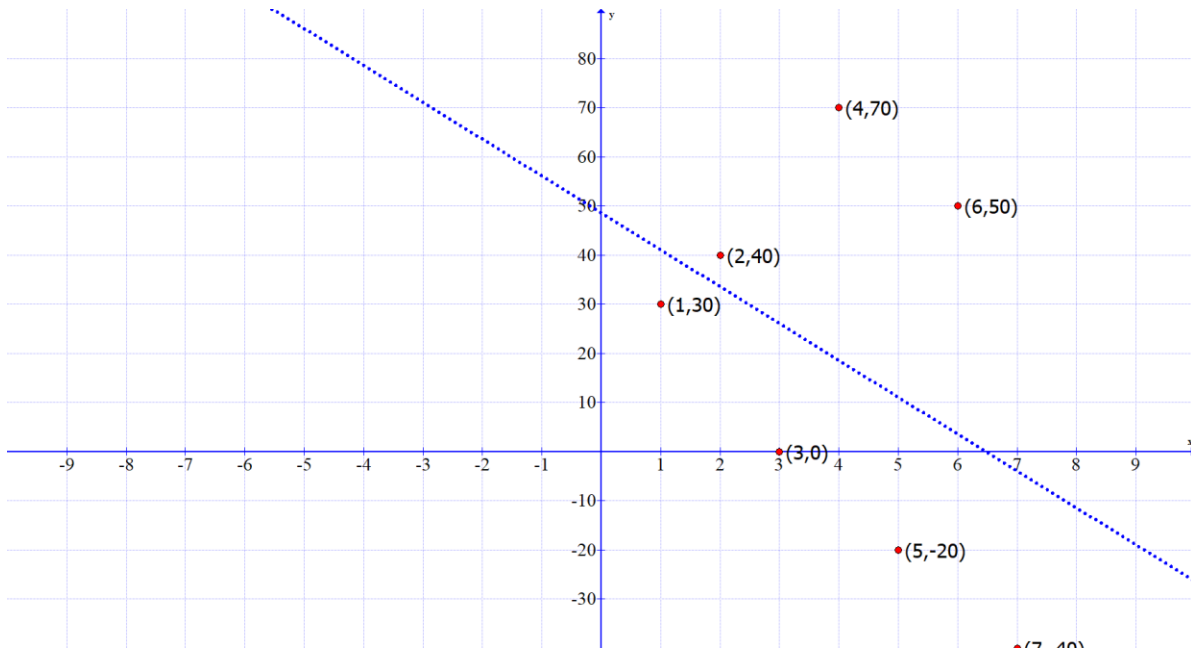
3b) $y = -6.46x + 37.14$

3c) $r = -0.91$

3d) very strong

3e) $y = -27.46$

5a)



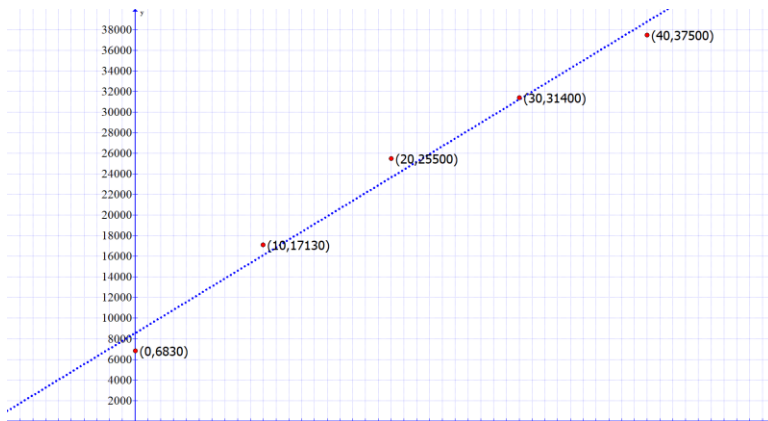
5b) $y = -7.5x + 48.57$

5c) $r = -0.41$

5d) moderate

5e) skip, not a very strong relationship

7a)



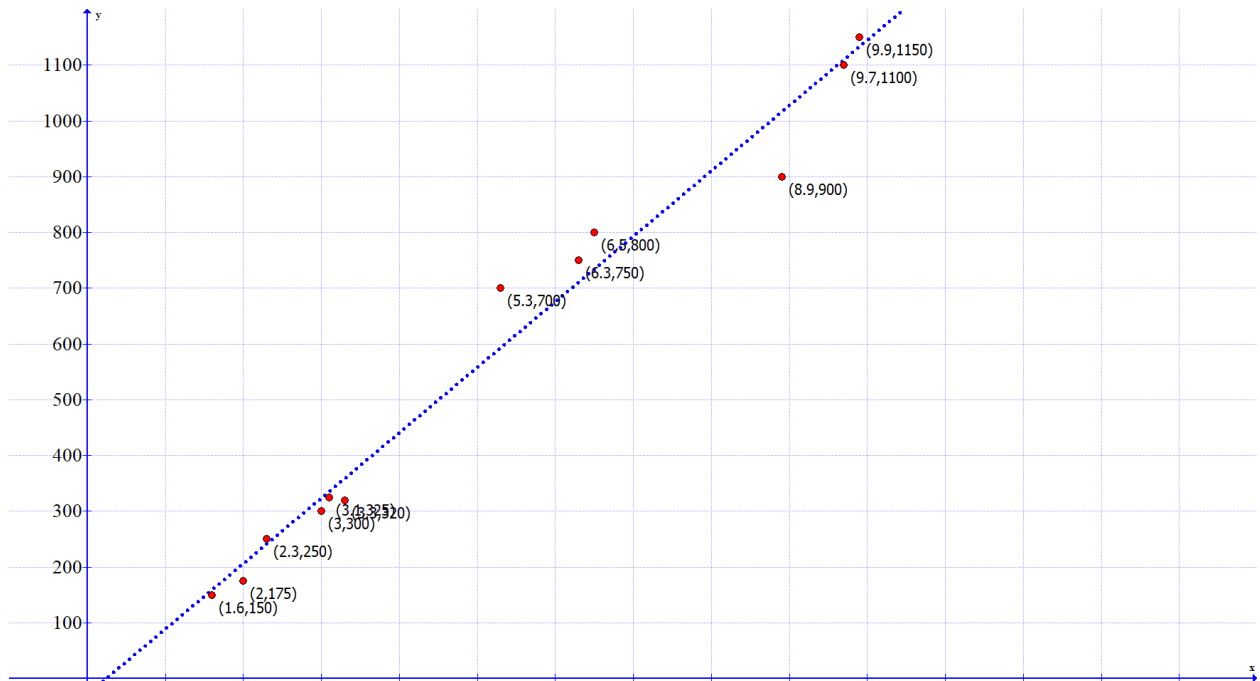
7b) $y = 756.1x + 8560$ this would be better $P(t) = 756.1t + 8560$

7c) very strong

7d) see above

7e) 46,365 thousand tons

9a)



9b) $y = 117.35x - 28.67$ or better $U(r) = 117.35r - 28.67$

9c) very strong relationship

9d) see above

9e) 910 umbrellas