

① Translation

② \$1000

③ a) i. \$70 ii. \$100 iii. \$100 iv. \$90 v. \$700 vi. \$20.46
 b) i. \$70 ii. \$101.50 iii. \$101.50 iv. \$91.50 v. \$700 vi. \$20.46

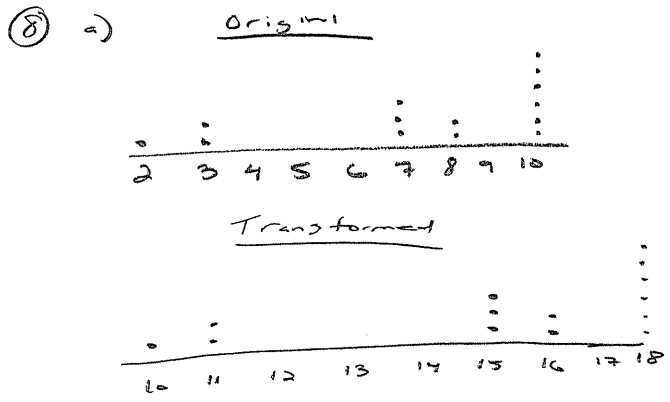
④ a) 53.7 b) 21.7

⑤ a) $\bar{x} + b$ b) 5

⑥ Range, IQR, S.D., Variance

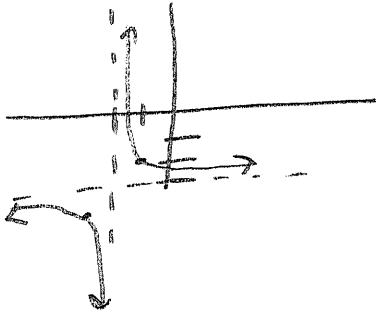
Original	Transformed
10	10
63.5	53
8.03	8.03
70	59.5
23	23
12	12

-10.5



⑧ b) $T(x) = x + 8$ mean: 7.5 median: 8
 c) IQR: 3 Mode: 10 mean: 15.5 median: 16
 d) IQR: 3 Mode: 18

⑬ a) $y = \frac{1}{x+2} - 3$ Asym: $x = -2$ b) on calc
 $y = -3$ c) $T(x,y) = (x-2, y-3)$



⑮ D: $\{x | x \geq -99\}$

$$x + 99 \geq 0$$

$$-99 \quad -99$$

$$x \geq -99$$

