

STUDENT 3: TERRENCE

d) Interest = Amount paid back - Amount borrowed
 $= \$37,727.16 - \$16,000$
 $= \$21,727.16$ ✓

e) $\$56,341.25 - \$50,000$
 $= \$6,341.25$ ✓

f) $\$230,390.78 - \1000
 $= \$229,390.78$ ✓

g) $\$8,397.91 - \$5,000$
 $= \$3,397.91$ ✓

h) $\$1,612,023.51 - \$360,000$

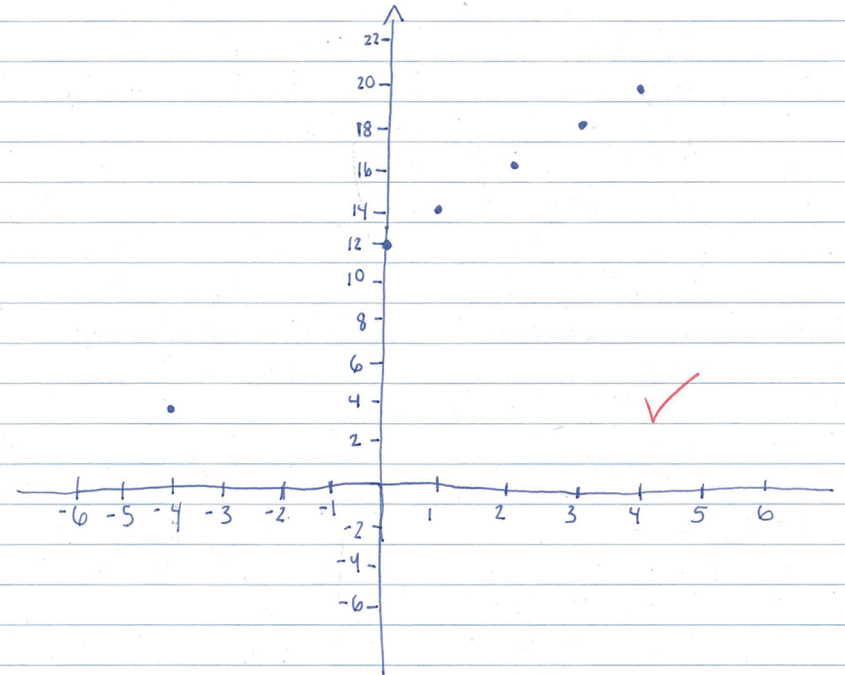
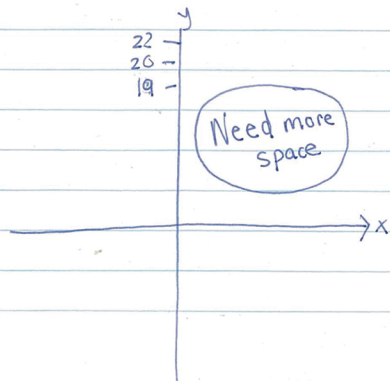
$$\begin{array}{r} 161 \\ - 36 \\ \hline 125 \end{array}$$

 $= \$1,252,023.51$ ✓

Plotting Non-Linear Relationships

a) $y = 2x + 12$

x	-4	0	1	2	3	4
y	4	12	14	16	18	20



b) $y = x^2$

x	-3	-2	-1	0	1	2	3
y			1				

STUDENT 4: AMIRA

10. A cook is paid \$112 for 4 hours of work. How much will the cook earn for 7 hours of work?

$$\begin{array}{l} \div 4 \downarrow 4h = \$112 \downarrow \div 4 \\ 1h = \$28 \\ \times 7 \downarrow 7h = \$196 \downarrow \times 7 \end{array}$$

cook earns \$196. ✓

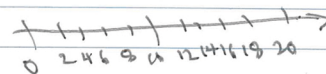
11. Joel pays \$120 for 10m of climbing rope. How much will Penny pay for 25m of climbing rope at the same shop?

$$\begin{array}{l} \times 2 \downarrow 10m = \$120 \downarrow \times 2 \\ 5m = \$240 \downarrow \times 5 \\ 25m = \$1200 \downarrow \times 5 \end{array}$$

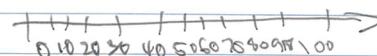
Penny pays \$1200. X

Number lines up to 1000
7/2/17

1. a)



b)



c)

d)