

Class Work Answers:

4.
 - a. on Alana's table: as the distance increases by 1 km, the money raised increases by \$0.50
 - b. on Gilberto's graph: to go from one point to the next, move right one unit and up 2 units
 - c. Alana's equation: $0.50d$ tells us how much the money raised increases per km

Gilberto's equation: $2d$ tells us how much the money raised increases per km
 - d. For Leanne, as the distance increases by 1 km, there is no change in the amount of money raised

5. ****must show work and/or explain****
Alana: \$9
Gilberto: \$16
Leanne: \$10

6. ****must show work and/or explain****
Alana: 10 km
Gilberto: 5 km
Leanne: not possible to answer

7. Gilberto's plan is a proportional relationship because the graph is a straight line through $(0, 0)$, and his table has equivalent ratios between the values.

8. All the plans are linear relationships because all the graphs are straight lines.