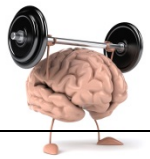
Final Lift 

Better Jobs

Kell works at Value Town. He earns $76 for every 8 hours he works. Mariko works at Supermart. She earns $9 per hour.

1. Write an equation to represent **each** of these situations. Use x for the number of hours worked and y for the total pay received. [Hint: What is the unit rate of pay for Kell and for Mariko?]

   Kell: y_k =

   Mariko: y_m =

2. Create a graph to show the two lines, y_k and y_m.

3. Who will earn more money for 40 hours of work? Explain how you know.

4. Mariko gets a pay raise from $9 per hour to $15 per hour. Her manager gets a pay raise from $20 per hour to $30 per hour. Who gets a bigger raise? Explain your thinking!

[1] **Inspiration for Task:** Best Job Idea Wave adapted from materials shared by Diane Kinch. Workout and Final Lift tasks have been adapted from Illustrative Mathematics materials, particularly Who Has the Best Job task originally accessed on 5/1/2014, and is licensed by Illustrative Mathematics under CC BY-NC-SA 4.0.

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