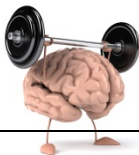


Final Lift



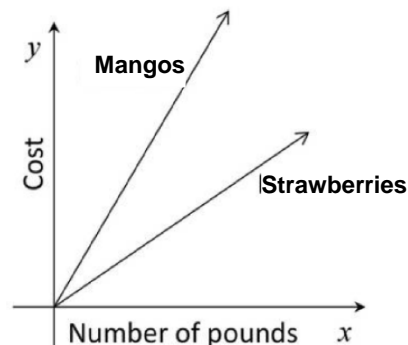
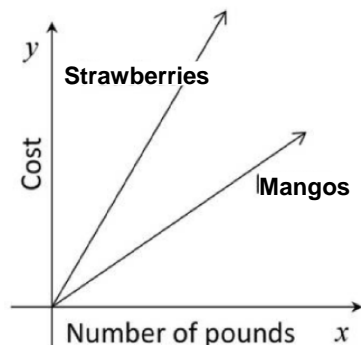
By the Pound

Sara paid \$4.00 for a 2-pound box of strawberries.
Matt paid \$7.00 for a 5-pound box of mangos.

1. What is the unit rate, or cost per pound for strawberries?

For mangos?

2. Which graph best shows these relationships? (Circle one)



3. Complete the following sentence. **Be sure to describe the meaning of the lines in the graph in your response.**

I know this is the correct graph because....

¹ **Inspiration for Task:** By the Pound tasks and challenge have been adapted from Illustrative Mathematics materials, particularly [Peaches & Plums](#) and [Coffee by the Pound](#) tasks originally accessed on 5/1/2014, and are licensed by [Illustrative Mathematics](#) under [CC BY-NC-SA 4.0](#).

4. What is the ratio of the **new price** of oranges to the **previous price** of **oranges**?

5. What is the ratio of the **new price** of pineapples to the **previous price** of **pineapples**?

6. Are the ratios **proportional**? If not, which ratio is larger? Explain your thinking.

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Challenge

7. What is the **percent increase** in the cost of **oranges**?

8. What is the **percent increase** in the cost of **pineapples**?

9. Do you think either of these two values would be a good measure of inflation overall? Why or why not?

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