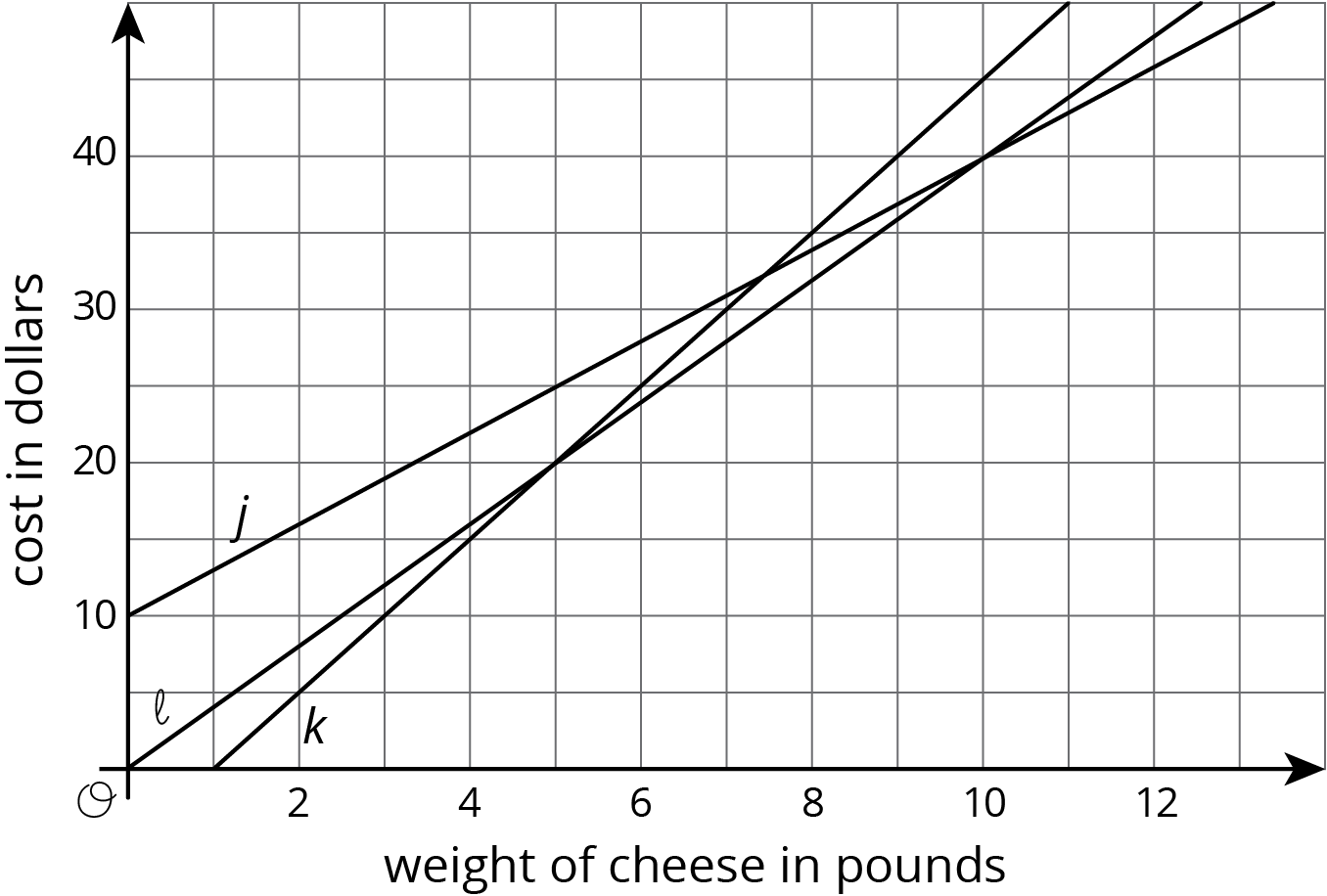
## Unit 7 Lesson 8 Cumulative Practice Problems

1. Select **all** the true statements:
2. Find , , and if .



1. Han found a way to compute complicated expressions more easily. Since , he looks for pairings of 2s and 5s that he knows equal 10. For example, Use Han's technique to compute the following:
2. The cost of cheese at three stores is a function of the weight of the cheese. The cheese is not prepackaged, so a customer can buy any amount of cheese.
   * Store A sells the cheese for dollars per pound.
   * Store B sells the same cheese for dollars per pound and a customer has a coupon for $5 off the total purchase at that store.
   * Store C is an online store, selling the same cheese at dollar per pound, but with a $10 delivery fee.

* This graph shows the price functions for stores A, B, and C.
* 
  1. Match Stores A, B, and C with Graphs , , and .
  2. How much does each store charge for the cheese per pound?
  3. How many pounds of cheese does the coupon for Store B pay for?
  4. Which store has the lowest price for a half a pound of cheese?
  5. If a customer wants to buy 5 pounds of cheese for a party, which store has the lowest price?
  6. How many pounds would a customer need to order to make Store C a good option?
* (From Unit 6, Lesson 8.)



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