



CCSS: 6.RP.A.3b: Solve unit rate problems including those involving unit pricing and constant speed. For example, if it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours? At what rate were lawns being mowed?

Launch

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Your cousin shops for movies online. He sees three different offers. Which offer should your cousin choose? Explain your reasoning.

Offer 1



Offer 2



Offer 3



Reflect Should you always choose the lowest unit rate? Why might your cousin not choose the lowest unit rate?

Got It?

PART 1 Got It



A sports store sells 5 baseballs for \$12.50. What is the price per baseball?

PART 2 Got It



A pack of 6 bottles of a sports drink sells for \$4.50. What is the unit price of one bottle of the sports drink?

PART 3 Got It



Four of your friends buy album downloads online. Ilana buys 1 album for \$8.95, Kyle buys 2 albums for \$17, Joe buys 3 albums for \$30, and Aimee buys 4 albums for \$44. Which friend gets the best buy?

Close and Check



Focus Question

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How can you compare the prices of different amounts of the same item? Why might you want to do this?



Do you know **HOW**?

1. If 5 gallons of gas costs \$17.50, what is the unit price of the gas?

2. A grocery store advertises weekly specials for fruit. Write the unit price for each type of fruit.

Weekly Specials

Fruit	Total Price	Unit Price
7 oranges	\$3.01	
5 kiwis	\$1.85	
9 plums	\$2.88	
3 pears	\$1.68	

3. A movie theater offers different ticket packages. Order them by the unit price for a ticket from greatest (1) to least (3).









Do you **UNDERSTAND**?

4. **Reasoning** 10 binders cost \$1. 10 notebooks cost \$1. Can you tell which is the better buy? Explain.

5. **Error Analysis** Your friend says that the unit price of Pack A is lower because Pack A costs less than Pack B. Explain your friend's error.


