11-2 Unit Prices

Digital Resources

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

MP3, MP4

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?

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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?

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Close and Check

Focus Question

MP3, MP4

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.

Pack A
10 pencils
for $1

Pack B
50 pencils
for $4

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