

Additional Practice (continued)

Investigation 2

Comparing Bits and Pieces

8. Use rate tables to find how much each person makes in 1 hour and how long each person has to work to make \$1.

a. Paula remembers that she worked 20 hours and made \$80.

Hours	1	10	20		30	
Pay (\$)			80	100		1

b. Ben works 15 hours and is paid \$75.

Hours	1		15	30		
Pay (\$)		25	75		190	1

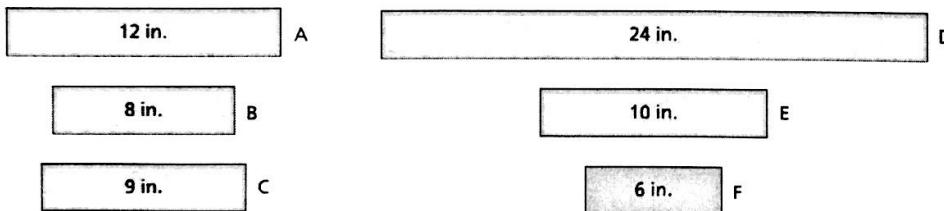
c. Patrick is paid \$12 for 3 hours of work.

Hours	1	3		36		
Pay (\$)		12	60		192	1

d. Kayla is paid \$72 for 9 hours of work.

Hours	1	4	9		16	
Pay (\$)			72	88		1

9. Bill measures the lengths of six boards he finds in his garage. Name two boards he could be comparing for each ratio given.



- a. The ratio of lengths is 2 : 1. Board _____ to Board _____
- b. The ratio of lengths is 4 : 1. Board _____ to Board _____
- c. The ratio of lengths is 3 : 4. Board _____ to Board _____
- d. The ratio of lengths is 2 : 3. Board _____ to Board _____

Additional Practice *(continued)*

Investigation 2

Comparing Bits and Pieces

10. George is planning his road trip. He uses a vertical rate table.
 a. Complete the rate table for the gas his car will use.

George's Car

Gallons of Gas	Miles
1	36
2	
3	
4	
5	
6	

- b. How many gallons of gas will he use if he drives 432 miles?
 c. How many miles can he go if he uses 8 gallons of gas?

11. George uses another vertical rate table to keep track of his gasoline expenses.
 a. Complete the rate table for the cost of the gas he will purchase.

Gas Purchases

Gallons of Gas	Cost (\$)
6	24
5	
4	
3	
2	
1	

- b. What is the unit rate comparing the number of dollars to the gallons of gas?
 c. What is the unit rate comparing the gallons of gas to the cost in dollars?