

## Solving Ratio Problems

Brand A laundry detergent comes in a box that washes 40 loads of laundry and costs \$7. Brand B laundry detergent comes in a box that washes 60 loads of laundry and costs \$11. Fill in the tables below.

Brand A		
	number of loads	cost
1 box	40 loads	\$7
2 boxes		
3 boxes		
4 boxes		
5 boxes		
6 boxes		
7 boxes		
8 boxes		
9 boxes		
10 boxes		

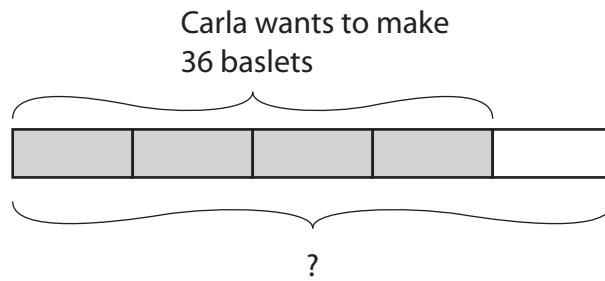
Brand B		
	number of loads	cost
1 box	60 loads	\$11
2 boxes		
3 boxes		
4 boxes		
5 boxes		
6 boxes		
7 boxes		
8 boxes		
9 boxes		
10 boxes		

Use the tables to help you answer the next questions.

1. How much does it cost to wash 120 loads of laundry with Brand A detergent?  
Answer: \_\_\_\_\_
2. How much does it cost to wash 120 loads of laundry with Brand B detergent?  
Answer: \_\_\_\_\_
3. How much does it cost to wash 240 loads of laundry with Brand A detergent?  
Answer: \_\_\_\_\_
4. How much does it cost to wash 240 loads of laundry with Brand B detergent?  
Answer: \_\_\_\_\_
5. If you use Brand A laundry detergent all the time, will it be more expensive or less expensive to wash your clothes than if you used Brand B detergent all the time? Explain your answer.

6. Carla makes 4 out of every 5 baskets that she shoots. If Carla wants to make 36 baskets, how many baskets should she shoot?

Answer: \_\_\_\_\_



7. At lunch, 2 out of every 3 students got hamburger. If 124 students got hamburger, how many students got lunch?

Draw a picture to help you solve the problem.

Answer: \_\_\_\_\_