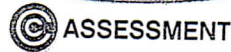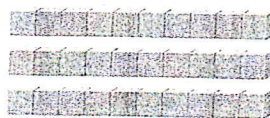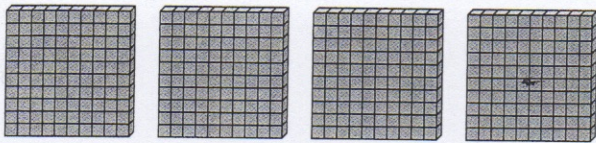# Study Guide

Multiple Choice

1. Mrs. Ortiz can make 50 tortillas out of one batch of dough. If she makes 4 batches of dough, how many tortillas can she make? (5-2)

   A   8

   B   20

   C   200

   D   2,000

2. There are 52 weeks in one year. If Jean turned 9 today, which is the best estimate of the number of weeks Jean has been alive? (5-5)

   A   600 weeks

   B   540 weeks

   C   530 weeks

   D   450 weeks

3. Which shows one way to use breaking apart to find 7×32? (5-3)

   A $(7 \times 30) + (7 \times 2)$

   B $(7 \times 30) - (5 \times 2)$

   C $(2 \times 30) + (3 \times 2)$

   D 30×7

4. A factory produces 295 cars in one week. How many cars does the factory produce in 4 weeks? (5-4)

   A   885

   B   1,180

   C   1,200

   D   1,220

5. Which shows another way to find $10 + 10 + 10$? (5-1)

   A $10 \times 10 \times 10$

   B 3×100

   C 3×10

   D 3×1

6. A bike loop is 8 miles long. Ed rode around the loop 18 times. He used compensation to find how far he rode. First, he multiplied $20 \times 8 = 160$. What should Ed do next? (5-4)

   A $160 + 8 = 168$

   B $160 - 8 = 152$

   C $160 + 16 = 176$

   D $160 - 16 = 144$

7. Susanna's school has 5 grades with an average of 48 students in each grade. Which is a reasonable number of students in Susanna's school? (5-6)

   A   205, because 5×48 is about $5 \times 40 = 200$

   B   240, because 5×48 is about $5 \times 50 = 250$

   C   285, because 5×48 is about $5 \times 60 = 300$

   D   315, because 5×48 is about $6 \times 50 = 300$
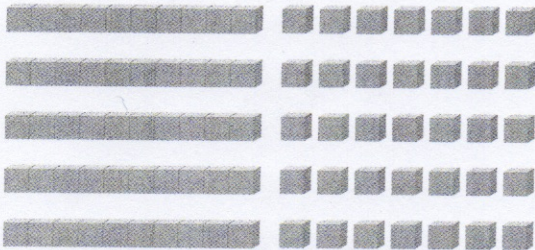
Constructed Response

8. Ivan gets $22 a month for completing his chores. Use rounding to estimate the amount of money Ivan would have if he saved all the money for 6 months. Write a number sentence to show your work. (5-5)

9. Write a number sentence that shows another way to find $100 + 100 + 100 + 100$. (5-1)

10. Mrs. Henderson bought 4 boxes of facial tissues. Each box has 174 tissues. Write a number sentence that uses rounding to estimate the total number of tissues. (5-5)

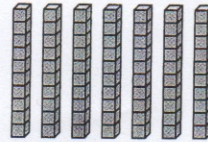**11.** Write an expression that uses breaking apart to find 5×17. (5-3)

12. Ali ran for 19 minutes 7 days in a row. How many minutes did Ali run? (5-4)

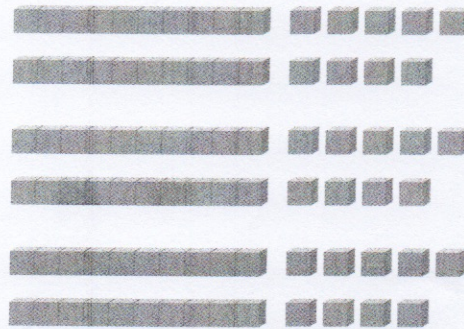**13.** Use breaking apart to find the product for 6×135. Show your work. (5-3)

14. A gallon of paint can cover about 400 square feet of wall space. About how many square feet of wall space will 3 gallons cover? (5-2)

15. Find the product for 7×10. (5-1)

16. Judy has 5 rolls of stamps. There are 100 stamps in each roll. How many stamps does Judy have? (5-2)

17. Raul is buying 3 shirts that cost $29 each. How much will the 3 shirts cost in all? (5-3)

18. Ricky saves $7 each week. Use rounding to estimate the amount he will have saved after 1 year. Write a number sentence to show your work. (5-5)

Tip *There are 52 weeks in 1 year.*

19. Nia has 5 piles of paper clips. There are 79 paper clips in each pile. She says she has 3,995 paper clips in all. Is her answer reasonable? Explain why or why not. (5-6)