

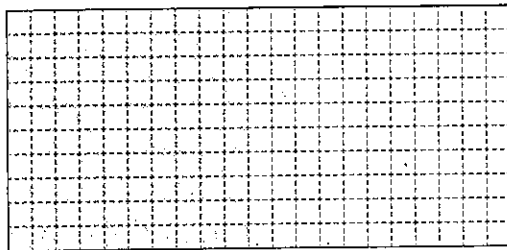
Multiple Choice



1. Don works 18 hours a week at the library. Which shows the best way to use rounding to estimate how many hours Don will work in 52 weeks? (7-3)

- A  $10 \times 50$
- B  $10 \times 60$
- C  $20 \times 50$
- D  $18 \times 60$

2. A Virginia opossum can have up to 21 babies at one time. Suppose 10 Virginia opossums had babies all at the same time. How many baby opossums could there be? (7-1)



- A 320
- B 210
- C 110
- D 31

3. There are 24 rows in an auditorium. Each row has 42 seats. Which is the best estimate of the total number of seats? (7-4)

- A 70
- B 400
- C 500
- D 1,000

4. There are 24 schools competing in a cheerleading contest. There are 18 cheerleaders on each team. Which is the best way to use compatible numbers to estimate the number of cheerleaders that are competing? (7-4)

- A  $20 \times 10$
- B  $25 \times 20$
- C  $30 \times 10$
- D  $30 \times 20$

5. Is the product 1,800? Mark Yes or No. (7-2)

$2 \times 90$       A Yes      B No

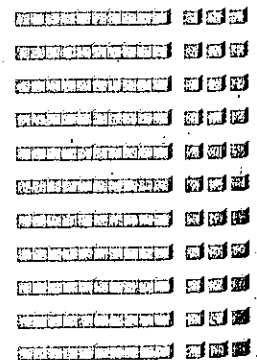
$18 \times 10$       A Yes      B No

$30 \times 60$       A Yes      B No

$90 \times 20$       A Yes      B No

6. Elaine is making 11 pinecone wreaths to sell at a fair. She needs 13 pinecones for each wreath. How many pinecones does she need in all? (7-1)

- A 24
- B 44
- C 143
- D 153



Constructed Response

7. A tractor trailer has 18 wheels. How many more wheels are on 2 tractor trailers than on 5 cars? (7-5)

8. Mr. Hans bought 40 boxes of tiles for his kitchen floor. Each box of tiles cost \$30. How much money did Mr. Hans pay for the tiles? (7-2)

9. Alex wants to use rounding to estimate  $31 \times 82$ . Write a number sentence that shows how Alex should round each factor and what the estimated product would be. (7-3)

10. A florist is making centerpieces for an event. He is putting 22 roses in each centerpiece. Use compatible numbers to estimate the number of roses he will need for 26 centerpieces. (7-4)

11. Complete the number sentence below. (7-2)  
 $50 \times 20 =$

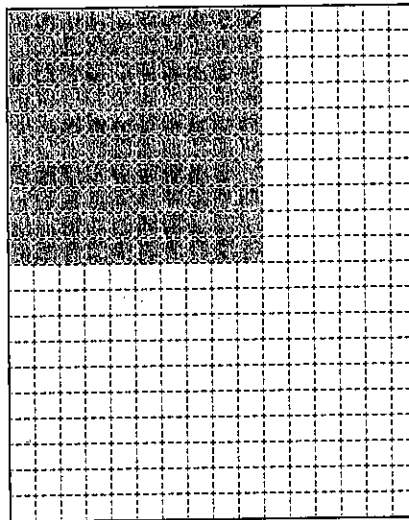
12. Justine's plant stand has 6 shelves. Each shelf holds 4 plants. Justine has already placed 16 plants on her stand. How many more plants can fit on the plant stand? (7-5)

13. Felipe wants to keep his insect collection in display cases. Each case can hold 30 insects. How many insects will 20 full display cases hold? (7-2)

14. A school building is 32 feet tall. About how many inches tall is the building? (7-3)

**Tip** There are 12 inches in 1 foot.

15. Elizabeth is making 20 necklaces. Each necklace has 16 beads. How many beads does she need to make all of the necklaces? (7-1)



16. The local library places new books in a section with 31 shelves. Each shelf fits 18 books. Use compatible numbers to estimate the number of books that the library can fit on the shelves. (7-4)

17. Margo hikes 5 miles three times a week. Susan hikes 4 miles four times a week. Ralph hikes 2 miles seven times a week. How many miles do they hike in all? Explain your answer. (7-5)