



TEST TALK

**Think It Through**

I should **reread the problem** to make sure I answered the question.

MULTIPLE CHOICE

- A teacher separates 28 students into 4 equal groups to play a game. How many students are in each group? (3-1)
 - 4 students
 - 7 students**
 - 8 students
 - 28 students
- What are the next two numbers in the pattern? (3-4)
1, 2, 4, 5, 7, 8, 10, —, —
 - 10, 12
 - 11, 12
 - 11, 13**
 - 12, 13

FREE RESPONSE

Find each quotient. Use mental math. (3-2)

- | | | |
|------------------------------------|---------------------------------|------------------------------------|
| 3. $3,600 \div 4$
900 | 4. $250 \div 5$
50 | 5. $72,000 \div 9$
8,000 |
| 6. $56,000 \div 7$
8,000 | 7. $2,100 \div 3$
700 | 8. $54,000 \div 6$
9,000 |

Estimate each quotient. (3-3) **Sample estimates are given.**

- | | | |
|-------------------------------|--------------------------------------|----------------------------------|
| 9. $38 \div 8$
5 | 10. $264 \div 6$
40 | 11. $5,000 \div 7$
700 |
| 12. $214 \div 4$
50 | 13. $\$79.25 \div 8$
\\$10 | 14. $1,875 \div 5$
400 |

Use the table at the right for 15–16. (3-3)

- About how many miles, on average, were traveled each day on the 4-day trip? **About 200 miles**
- About how many miles, on average, were traveled each day on the 7-day trip? **About 300 miles**

Summer Trips	
Days in Trip	Miles Traveled
2	652
4	788
7	2,254
10	2,146

- Look for a pattern in the products below. Then find the missing number. (3-4)

$$9 \times 9 = 81 \qquad 9 \times 99 = 891 \qquad 9 \times 999 = 8,991 \qquad 9 \times 9,999 = 89,991$$

$$9 \times 99,999 = \underline{899,991}$$

Writing in Math

- Write and solve a word problem that could be solved using the number sentence $18 \div 3 = n$. (3-1) **Sample answer: Raul worked a total of 18 hours in 3 days. Find the average number of hours he worked each day. $n = 6$ hours**
- Explain how patterns and basic facts are used to find $30,000 \div 5$. (3-2) **Sample answer: First solve the basic fact $30 \div 5 = 6$ and then attach the three zeros from the dividend to get 6,000.**
- Estimate to decide if the quotient of $2,656 \div 3$ is greater than or less than 900. Tell how you decided. (3-3)
Less than 900; Sample answer: $2,700 \div 3 = 900$ is an overestimate, since the dividend was rounded to a larger number.