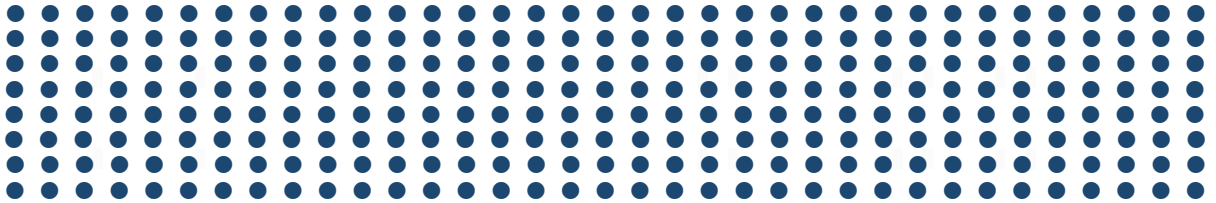




Split the array of dots into two parts. Explain how you can use the two parts to mentally determine the answer.

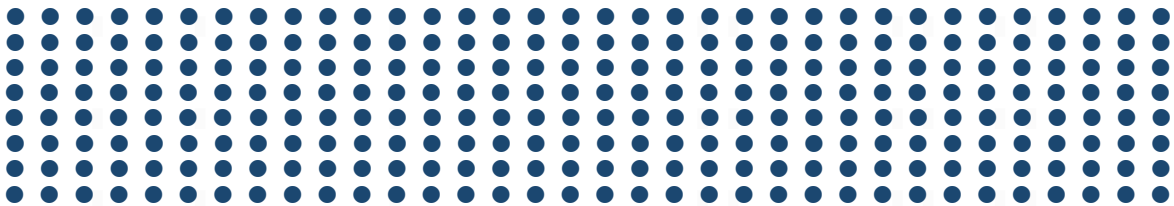
1. 8×35



2. 6×26



3. 7×34



Use mental math to solve the following problems. Explain your reasoning.

4. A typical school bus has 2 rows of seats with an 18-inch aisle in between the rows. If there are 12 seats on each side of the aisle and 3 children can sit in each seat, how many children can fit on one bus?

5. A school bus carrying high school students on a field trip stopped at a fast food restaurant on the way back to school. If there were 47 students on the bus and each student was allowed to spend \$6 on a meal, how much would it cost to feed the students?
6. The East Prairie School District has 9 buses. If each bus can hold 72 students, how many students will the buses hold?
7. When Brea played volleyball last season, she had 8 assists in each game. If Brea had a total of 72 assists during the season, how many games did she play?
8. Jason was practicing his swimming and decided to swim 12 laps each day. How many laps will Jason swim in one week? How many laps will Jason swim in one month, assuming there are 4 weeks in a month?
9. Jason's brother, Josh, does not swim as fast as Jason. He can only swim 7 laps in the time it takes Jason to swim 12. How many laps can Josh swim in one month if he swims 7 laps every day?
10. Shayna was creating a vacation scrapbook. She found that she could put 7 pictures on each page. If Shayna had 280 pictures, how many pages did she need?