

C Patterns

1. Complete:

$1 \times 9 =$

$2 \times 9 =$

$3 \times 9 =$

$4 \times 9 =$

$5 \times 9 =$

$6 \times 9 =$

$7 \times 9 =$

$8 \times 9 =$

$9 \times 9 =$

$10 \times 9 =$

2. What patterns do you see in your answers to Question 1?

3. John said, "I can use my multiplication facts for the 10s to learn the 9s, since 9 is one less than 10. See, to solve 6×9 , I just think of an array for 6×10 . That is 60. 6×9 will have one less row of sixes, so it is $60 - 6$."

$6 \times 10 = 60$

$6 \times 9 = 60 - 6 = 54$



Fill in the second bubble to show how John would solve 8×9 in his head.

