

Name _____

Multiply Using Mental Math**COMMON CORE STANDARD** CC.4.NBT.5

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Find the product. Tell which strategy you used.

1. 6×297 **Think:** $297 = 300 - 3$
 $6 \times 297 = 6 \times (300 - 3)$
 $= (6 \times 300) - (6 \times 3)$
 $= 1,800 - 18$
 $= 1,782$

1,782;**use subtraction**

2. $8 \times 25 \times 23$

3. 8×604

4. 50×28

5. 9×199

6. $20 \times 72 \times 5$

7. 32×25

Problem Solving 

8. Section J in an arena has 20 rows. Each row has 15 seats. All tickets cost \$18 each. If all the seats are sold, how much money will the arena collect for Section J?

9. At a high-school gym, the bleachers are divided into 6 equal sections. Each section can seat 395 people. How many people can be seated in the gym?
