You can multiply large numbers in your head with a few simple techniques. The keys are 10 and 100.

- To multiply by 2—think double.
- To multiply by 5—multiply by 10 and divide by 2.
- To multiply by 9—multiply by 10 and subtract the multiplicand.
- To multiply by 25—multiply by 100 and divide by 4.
- To multiply by 50—multiply by 100 and divide by 2.

Directions: Use the information in the chart to help solve these problems.

1. 416 x 2	**2.** 540 x 2	**3.** 350 x 2	**4.** 480 x 2	**5.** 461 x 2
6. 230 x 5	**7.** 460 x 5	**8.** 351 x 5	**9.** 840 x 5	**10.** 580 x 5
11. 38 x 50	**12.** 67 x 50	**13.** 68 x 50	**14.** 78 x 50	**15.** 44 x 50
16. 62 x 25	**17.** 48 x 25	**18.** 92 x 25	**19.** 24 x 25	**20.** 82 x 25
21. 21 x 9	**22.** 32 x 9	**23.** 62 x 9	**24.** 43 x 9	**25.** 56 x 9