Grade Six

Mathematics

Name: _____ Date: _____

Using Patterns to Calculate

Use the first number fact in each set and the patterns you know to find the answers of the other facts mentally.

1. 15 x 7 = 105, work out 15 x 70:
2. 32 x 6 = 192, work out 32 x 6 000:
3. 8 ÷ 4 = 2, work out 80 ÷ 40:
4. 36 000 ÷ 1 000 = 36, work out 3 600 ÷ 100:

Use your mental strategies to calculate the following:

5. 45 x 100 =
6. 86 ÷ 100 =
7. 9 900 x 10 =
8. 4.5 x 1 000 =

Solve the following word problems.

9. There are ten people attending a school concert. Each ticket cost $4.25. How much money was spent on tickets?

   Ans:

10. E. P. Roberts School has made $12 000 from their ticket booth at their school fair. If they sold one thousand tickets, what is the cost of each ticket?

    Ans:

Created by: Ms. Antonia Bain