

Name: _____ Date: _____ Period: _____

Study Guide for Multiplication, Long Division, _____ Test

Define the following terms:

1) product: _____

2) divisor: _____

3) dividend: _____

4) quotient: _____

Solve the following multiplication problems.

5.
$$\begin{array}{r} 233 \\ \times 6 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 821 \\ \times 4 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 572 \\ \times 5 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 902 \\ \times 1 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 572 \\ \times 36 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 368 \\ \times 20 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 441 \\ \times 91 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 682 \\ \times 47 \\ \hline \end{array}$$

Use the standard algorithm to find each quotient.

13. $7 \overline{)378}$

14. $8 \overline{)2632}$

15. $4 \overline{)3884}$

16. $6 \overline{)912}$

17. $16 \overline{)448}$

18. $35 \overline{)630}$

19. $12 \overline{)6564}$

20. $31 \overline{)8525}$

Solve the following word problems. Show all your work and circle your answer.
(Remember to put a label on your answer!)

21. A cargo ship has 15 compartments in the hull. If each compartment can hold 925 King Crabs, how many total crabs can the cargo ship hold?

22. A farmer has 77 peach trees in his orchard. Each tree produces 500 peaches each season. How many total peaches does the farmer's trees produce each season?

23. In one year, a computer repair technician makes 1044 repairs to his customers computers. Since there are 12 months in one year, how many repairs does he make each month?

24. Amy bought 426 bottles of water when they were on sale. If she drank 3 bottles a day, how many days would they last?