Unit 3: WHOLE NUMBERS (PART 3)

Examples:

1.
$$\begin{array}{r} {\scriptstyle 4\ 5} \\ 8,046 \\ \times \quad 9 \\ \hline 72,414 \end{array}$$

2.
$$\begin{array}{r} {\scriptstyle 1\ 1} \\ {\scriptstyle 5\ 6} \\ 368 \\ \times \quad 28 \\ \hline 2944 \\ 736 \\ \hline 10,304 \end{array}$$

3.
$$\begin{array}{r} 1,557 \\ 6\overline{)9,342} \\ 6 \\ \hline 33 \\ 30 \\ \hline 34 \\ 30 \\ \hline 42 \\ 42 \\ \hline 0 \end{array}$$

Solve the following problems. Show your work.

1. 412×4

2. 547×2

3. 610×5

4. 935×3

5. 109×7

6. $5,317 \times 6$

7. $2,011 \times 8$

8. $6,028 \times 9$

9. $1,526 \times 5$

10. $8,437 \times 8$

11. $\begin{array}{r} 46 \\ \times\ 18 \\ \hline \end{array}$

12. $\begin{array}{r} 35 \\ \times\ 20 \\ \hline \end{array}$

13. $\begin{array}{r} 67 \\ \times\ 36 \\ \hline \end{array}$

14. $\begin{array}{r} 91 \\ \times\ 27 \\ \hline \end{array}$

15. $\begin{array}{r} 89 \\ \times\ 16 \\ \hline \end{array}$

16. $\begin{array}{r} 126 \\ \times\ 50 \\ \hline \end{array}$

17. $\begin{array}{r} 625 \\ \times\ 73 \\ \hline \end{array}$

18. $\begin{array}{r} 619 \\ \times\ 24 \\ \hline \end{array}$

19. $\begin{array}{r} 281 \\ \times\ 53 \\ \hline \end{array}$

20. $\begin{array}{r} 380 \\ \times\ 36 \\ \hline \end{array}$

Solve the following problems. Show your work.

21. $5\overline{)1,355}$

22. $3\overline{)4,827}$

23. $2\overline{)9,804}$

24. $8\overline{)6,088}$

25. $6\overline{)1,458}$

26. $3\overline{)1,131}$

Fill in each blank with the correct answer.

27. 18×20 = _____ × _____ tens

= _____ tens

= _____

28. 69×40 = _____ × _____ tens

= _____ tens

= _____

29. $98 \times 30 =$ _____ $\times$ _____ tens

$=$ _____ tens

$=$ _____

30. $53 \times 60 =$ _____ $\times$ _____ $\times 10$

$=$ _____ $\times 10$

$=$ _____

31. $77 \times 90 =$ _____ $\times$ _____ $\times 10$

$=$ _____ $\times 10$

$=$ _____

32. $42 \times 80 =$ _____ $\times$ _____ $\times 10$

$=$ _____ $\times 10$

$=$ _____

33. $4{,}569 \div 8 =$ _____ R _____

34. $1{,}348 \div 5 =$ _____ R _____

35. $4{,}240 \div 7 =$ _____ R _____

36. $3{,}134 \div 4 =$ _____ R _____

37. $9{,}381 \div 9 =$ _____ R _____

38. $59 \times 17 \approx$ _____ $\times$ _____

$=$ _____

57. Cecilia has 896 stickers. She gives 50 stickers to seven of her friends. She sorts the remaining stickers equally into three albums. How many stickers are there in each album?

58. There were 400 pieces of candy in a package. The principal of a school bought 25 packages for 2,000 children on Halloween.

(a) How many pieces of candy did the principal buy altogether?

(b) If each child was given 7 pieces, how many more packages were needed?

59. Kimi is 16 years old and her mother is 44 years old this year. How many years ago was Kimi's mother five times as old as Kimi?

60. A stereo costs $328. A television set costs four times as much as the stereo. Mr. Simon buys the stereo and the television set and pays for them in eight monthly installments. How much must he pay for them each month?

61. Michael had $3,600. After spending $320, he still had twice as much as Cynthia. Find the total amount of money they had in the beginning.

62. Luis bought a book and four identical pens for $12. Carlos bought the same book and two similar pens. Carlos paid $4 less than Luis. What was the cost of the book?

63. 250 adults and some children went to the zoo. The admission ticket for each adult was $12 and the admission ticket for each child was $9. If $6,915 was collected for all the tickets, how many children went to the zoo?

64. Mr. Ortiz received a bonus. He gave $2,000 to his wife and distributed an amount of money equally among his six children. He was left with $1,350, which was $400 more than the amount of money he gave to each child. How much was his bonus?