Gamma Placement Pre/Post Test

Multiply.

1. $\begin{array}{c} 85 \\ \times 26 \end{array}$

2. $\begin{array}{c} 421 \\ \times 73 \end{array}$

3. $\begin{array}{c} 509 \\ \times 636 \end{array}$

4. $\begin{array}{c} 7546 \\ \times 8 \end{array}$

5. $\begin{array}{c} 3482 \\ \times 59 \end{array}$

6. $\begin{array}{c} 6187 \\ \times 467 \end{array}$

Find the area and perimeter.

7. area = ______

8. perimeter = ______
Solve for the unknown.

9. \(8B = 64\)  
10. \(9Q = 63\)

11. \(10X = 100\)

Find all the possible pairs of factors, and tell whether the number is prime or composite.

12. \(16\)  
   \(\times\)  
   \(\times\)  
   \(\times\)

13. \(7\)  
   \(\times\)  
   \(\times\)

14. \(9\)  
   \(\times\)  
   \(\times\)

Write <, >, or = in the oval.

15. \(6 \times 2 \bigcirc 3 \times 4\)
16. \(9 \times 8 \bigcirc 5 \times 12\)

17. \(7 \times 6 \bigcirc 9 \times 5\)
Add.

18. \[ \begin{array}{c}
\phantom{+}92 \\
21 \\
48 \\
\hline
+17
\end{array} \]

19. \[ \begin{array}{c}
\phantom{+}163 \\
\hline
+54
\end{array} \]

20. \[ \begin{array}{c}
\phantom{+}815 \\
\hline
+482
\end{array} \]

21. \[ \begin{array}{c}
\phantom{+}360 \\
\hline
-37
\end{array} \]

22. \[ \begin{array}{c}
\phantom{+}529 \\
\hline
-168
\end{array} \]

23. \[ \begin{array}{c}
\phantom{+}402 \\
\hline
-293
\end{array} \]

Fill in the blanks.

24. 6 qt = _____ pt

25. 8 dimes = _____ cents

26. 9 yd = _____ ft

27. 5 Tbsp = _____ tsp

28. 10 nickels = _____ cents

29. 7 gal = _____ qt
30. $2 = _____ quarters

31. 4 gal = _____ pt

32. 3 lb = _____ oz

33. 6 quarters = _____ cents

34. 2 miles = _____ feet

35. 1 ton = _____ lb

36. A room measures 21 feet by 38 feet. Round the dimensions to the nearest ten and estimate the area of the room.

_______

37. Chuck drove 452 miles a day for three days. Round to the nearest hundred and estimate how far he drove in all.

_______

38. What is 3,495 rounded to the nearest thousand? ________

39. Write in standard decimal notation: one million, two hundred seventy-one thousand, twenty-eight.

______________________________

40. Write in place-value notation: 5,681,900

________________________________________________________________________

________________________________________________________________________