

Gamma Placement Pre/Post Test

Multiply.

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

2.
$$\begin{array}{|c|c|c|c|} \hline & 4 & 2 & 1 \\ \hline \times & & 7 & 3 \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline \end{array}$$

3.
$$\begin{array}{|c|c|c|c|c|} \hline & & 5 & 0 & 9 \\ \hline \times & 6 & 3 & 6 & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline \end{array}$$

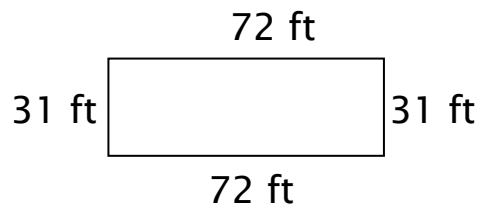
4.
$$\begin{array}{r} 7,546 \\ \times \quad 8 \\ \hline \end{array}$$

5.
$$\begin{array}{|c|c|c|c|c|} \hline & 3, & 4 & 8 & 2 \\ \hline \times & & 5 & 9 & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline \end{array}$$

6.
$$\begin{array}{|c|c|c|c|c|} \hline & 6, & 1 & 8 & 7 \\ \hline \times & & 4 & 6 & 7 \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline \end{array}$$

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 $\underline{\quad} \times \underline{\quad}$
 $\underline{\quad} \times \underline{\quad}$
 $\underline{\quad} \times \underline{\quad}$

13. 7 $\underline{\quad} \times \underline{\quad}$

14. 9 $\underline{\quad} \times \underline{\quad}$
 $\underline{\quad} \times \underline{\quad}$

Write $<$, $>$, or $=$ in the oval.

15. 6×2 ○ 3×4

16. 9×8 ○ 5×12

17. 7×6 ○ 9×5

Add.

$$\begin{array}{r} 18. \quad 92 \\ \quad 21 \\ \quad 48 \\ + \quad 17 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 163 \\ \quad \quad + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 815 \\ \quad + 482 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 360 \\ \quad \quad - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 529 \\ \quad - 168 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 402 \\ \quad \quad - 293 \\ \hline \end{array}$$

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
