

## Delta Placement Pre/Post Test

Divide. Write your remainders if the number does not divide evenly.

1.  $4 \overline{)80}$

2.  $7 \overline{)53}$

3.  $8 \overline{)648}$

4.  $5 \overline{)396}$

Divide. Include a fraction in your answer if the number does not divide evenly. Check your answers.

5.  $25 \overline{)631}$

6. check for #5

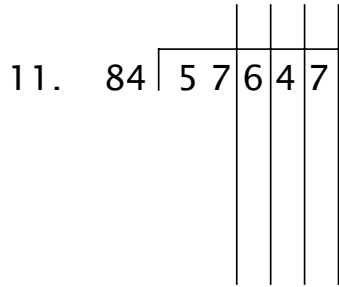
7.  $16 \overline{)349}$

8. check for #7

9.  $6 \overline{)30458}$

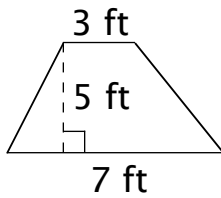
3	0	4	5	8

10. check for #9

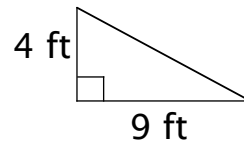


12. check for #11

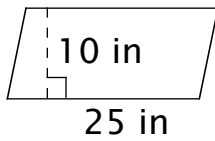
Find the area of each figure.



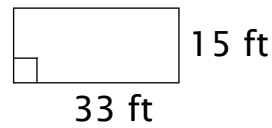
13.  $A = \underline{\hspace{2cm}}$



14.  $A = \underline{\hspace{2cm}}$

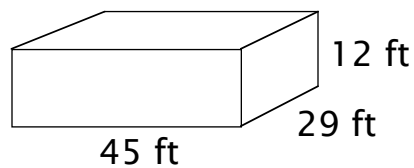


15.  $A = \underline{\hspace{2cm}}$



16.  $A = \underline{\hspace{2cm}}$

Find the volume of the rectangular solid.



17.  $V = \underline{\hspace{2cm}}$

Fill in the blanks.

18.  $27 \text{ ft} = \underline{\hspace{2cm}} \text{ yd}$

19.  $40 \text{ pt} = \underline{\hspace{2cm}} \text{ qt}$

20.  $20 \text{ qt} = \underline{\hspace{2cm}} \text{ gal}$

21.  $5 \text{ dollars} = \underline{\hspace{1cm}} \text{ quarters}$

22.  $4 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$

23.  $1 \text{ mi} = \underline{\hspace{2cm}} \text{ ft}$

24.  $5 \text{ tons} = \underline{\hspace{2cm}} \text{ lb}$

25.  $36 \text{ in} = \underline{\hspace{2cm}} \text{ ft}$

26.  $40 \text{ ft} = \underline{\hspace{2cm}} \text{ in}$

27. 49 to the nearest ten is  $\underline{\hspace{1cm}}$  .

28. 4,009 to the nearest thousand is  $\underline{\hspace{1cm}}$  .

29. 459 to the nearest hundred is  $\underline{\hspace{1cm}}$  .

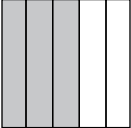
Solve.

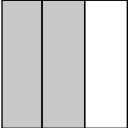
30.  $\frac{1}{3}$  of 12 = \_\_\_\_\_

31.  $\frac{3}{7}$  of 21 = \_\_\_\_\_

32.  $\frac{5}{8}$  of 32 = \_\_\_\_\_

Find the denominators and numerators of fractions represented by the rectangles.

33.   $\frac{\text{numerator}}{\text{denominator}} = \text{_____}$

34.   $\frac{\text{numerator}}{\text{denominator}} = \text{_____}$

35. Write in standard notation:

$$2 \times 1,000,000,000 + 5 \times 100,000,000 + 4 \times 10,000,000 + 3 \times 1,000,000 + 9 \times 100,000$$

\_\_\_\_\_

36. Find the average of the numbers: 5, 12, 13, 21, 24 \_\_\_\_\_

37. What number is represented by the Roman numeral MMCLVIII?  
\_\_\_\_\_

38. Write the given date with Roman numerals: 1975 \_\_\_\_\_