Delta Placement 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

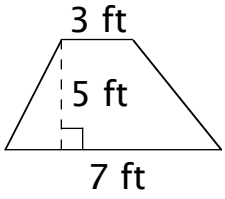
9. $6\overline{)30458}$

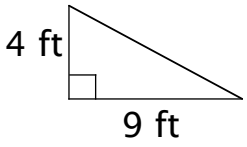
10. check for #9

11. $84\overline{)5\,7\,6\,4\,7}$

12. check for #11

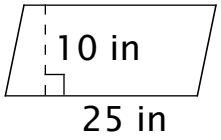
Find the area of each figure.

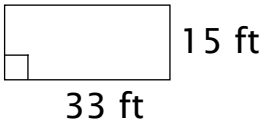




13. A = _____

14. A = _____

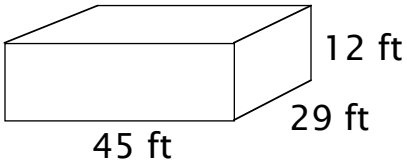




15. A = _____

16. A = _____

Find the volume of the rectangular solid.



17. V = _____

Fill in the blanks.

18. 27 ft = _____ yd

19. 40 pt = _____ qt

20. 20 qt = _____ gal

21. 5 dollars = _____ quarters

22. 4 lb = _____ oz

23. 1 mi = _____ ft

24. 5 tons = _____ lb

25. 36 in = _____ ft

26. 40 ft = _____ in

27. 49 to the nearest ten is _____ .

28. 4,009 to the nearest thousand is _____ .

29. 459 to the nearest hundred is _____ .

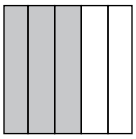
Solve.

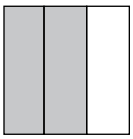
30. $\frac{1}{3}$ of 12 = _____

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

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

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

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

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

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 _____