

Leon County Schools – Summer Math Worksheets – 6th Grade Math

This summer math worksheet is for students entering the 6th grade math class. Work the following problems over the summer. Be sure to show ALL your work neatly on a separate sheet of paper.

NO Calculators should be used on this worksheet.

Evaluate each expression:

1. $1.3 + 0.6$

2. $3.7 + 4.4$

3. $6.9 - 2.9 + 1.74$

4. $6.42 + 5.7 - 7.84$

5. $6.7 \cdot 5.4$

6. $6.8 \cdot 3.9$

7. $9.3 \div 1.5$

8. $5.7 \div 0.3$

9. $\frac{1}{6} + 3\frac{4}{5}$

10. $2\frac{3}{4} + 4\frac{3}{8}$

11. $4\frac{2}{3} - \frac{4}{7}$

12. $3\frac{7}{8} - 1\frac{1}{6}$

Write each decimal as a percent:

13. 1.94

14. 0.84

15. 0.05

Solve each equation:

16. $r - 7 = 2$

17. $3 + p = 11$

18. $2x = 6$

19. $\frac{x}{4} = 2$

20. $w - 8 = 20$

21. $\frac{a}{8} = 5$

Write the name of each decimal place indicated with the underline.

22. 4,843.392

23. 5.5368491

24. 9,374.2853

Evaluate each expression:

25. $2 \bullet 2 \bullet 5$

26. $4 - 9 \div 3$

27. $17 - 3 \bullet 4 + 2$

28. $16 \div (5 - 3 + 2)$

29. $(11 - (6 - 3)) \div 2$

30. $15 + 12 \div 3 \bullet 5$

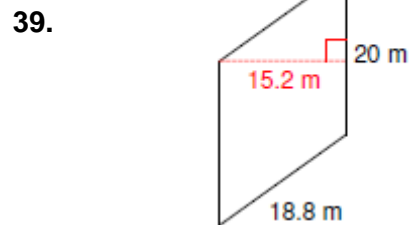
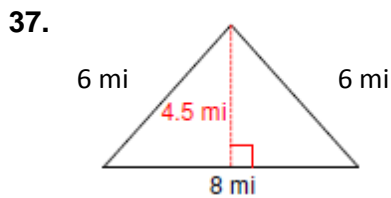
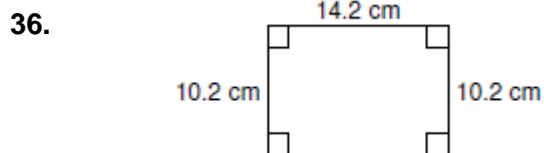
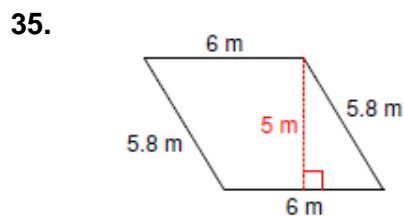
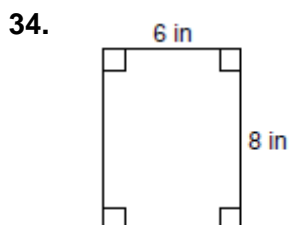
Do the prime factorization for the following:

31. 40

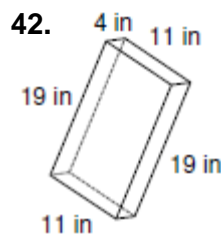
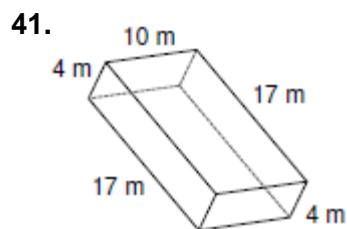
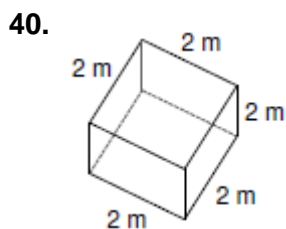
32. 64

33. 48

Find the perimeter AND the area of each polygon:



Find the volume of the following polyhedra:



43. A rectangular prism measuring 10 m long, 7 m wide and 12 m tall.