

1. Find the area and the perimeter.

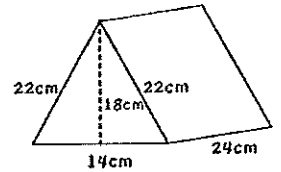
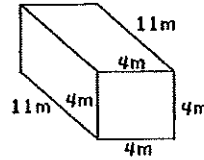
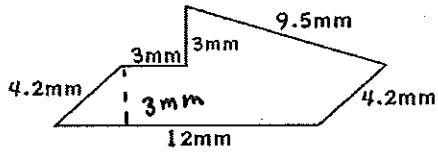
Show your work! You may use a calc.

2. Find the surface area and volume .

Show your work! You may use a calc.

3. Find the volume.

Show your work!



4. In a. and b. find the **Greatest Common Factor**.

5. In c. and d. find the **Least Common Multiple**

a. 32 and 33

b. 15 and 18

c. 4 and 11

d. 3 and 12

Simplify the following problems down to one value. Do not use a calculator.

6. $|-84| =$

7. $|677| =$

8. $-12 - 30 - 1 =$

9. $-19 + 9 =$

10. $-27 - 6 =$

11. $11 - 20 =$

12. $-23 + 40 - 8 =$

13. $18 - 23 + 5 =$

What's the distance between the following numbers on the number line?

14. 15 and 50

15. -35 and 70

16. -12 and -50

Find the missing value! You may use a calculator but you must show your thinking!

17. $9.83 - \boxed{} = 2.1$

18. $\boxed{} \times 7.89 = 10.257$

19. $\boxed{} \div 2\frac{3}{4} = 4\frac{1}{2}$

20. $3\frac{2}{7} + \boxed{} = 10\frac{13}{70}$