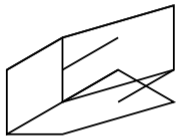
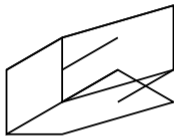


Build Tasks - 3D Analysis



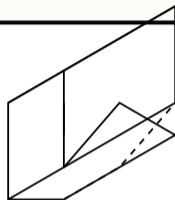
1. Cubes in $2 \times 2 \times 1$?

4

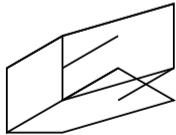


3. Hidden cubes?

1

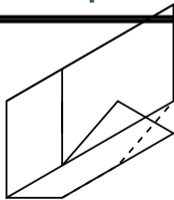


5. Hidden cubes?

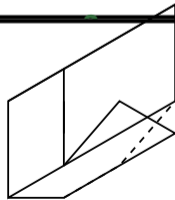


2. Volume?

4 cm^3

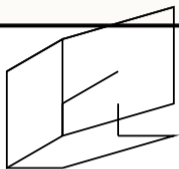


4. Cubes in composite?

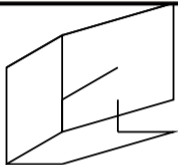


6. Total volume?

Build Tasks - 3D Analysis

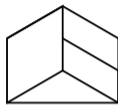


7. Height 2, how many cubes?



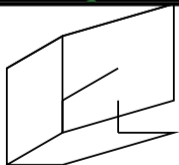
9. Volume?

6 cm³



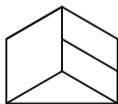
11. Side=2cm, volume of one cube?

8 cm³



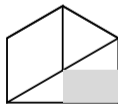
8. Hidden cubes?

2



10. L-shape volume?

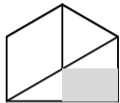
5 cm³



12. Total cubes (1 hidden)?

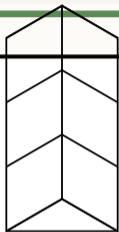
2

Build Tasks - 3D Analysis

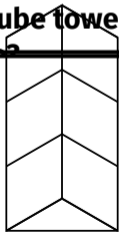


13. Visible cubes?

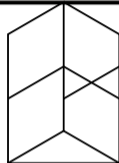
1



15. 4-cube tower
volume?

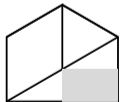


16. Cube=2cm, tower



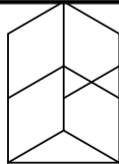
17. Visible cubes?

3



14. Volume?

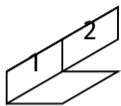
2 cm³



18. Hidden cubes?

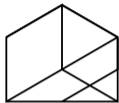
0

Build Tasks - 3D Analysis

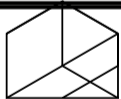


19. 6 cubes step —
levels?

$$3(3+2+1)$$

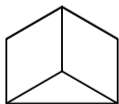


21. Painted faces?
Depends which faces
exposed

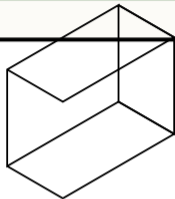


20. 4 cubes 2x2
exposed faces?

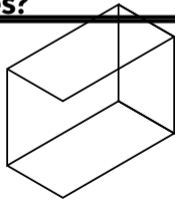
Check: top=4, sides=8,
bottom=4 = 16



22. Volume 27, side?
3 cm

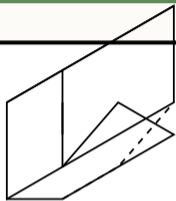


23. 3x2x2 cuboid
cubes?

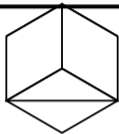


24. Hidden in 3x2x2?

Build Tasks - 3D Analysis

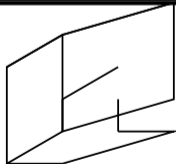


25. More or less than 10?



27. Prism base 3,
height 2 total?

6 cubes



26. Volume in cm^3 ?

6 cm^3