Name: _____ Date: _____

Fresh Math

Volume Composite Figures - Medium

Find the total volume of the composite figure by adding the volumes of each part.

1. L-shaped figure: Base: 11 × 5 × 4 in; Vertical: 4 × 3 × 8 in
2. L-shaped figure: Base: 11 × 3 × 5 in; Vertical: 4 × 5 × 7 in
3. L-shaped figure: Base: 11 × 3 × 5 cm; Vertical: 5 × 3 × 6 cm
4. L-shaped figure: Base: 8 × 3 × 4 cm; Vertical: 3 × 3 × 7 cm
5. L-shaped figure: Base: 8 × 5 × 6 in; Vertical: 4 × 5 × 5 in
6. L-shaped figure: Base: 8 × 5 × 6 in; Vertical: 5 × 4 × 8 in
7. L-shaped figure: Base: 10 × 5 × 3 cm; Vertical: 4 × 5 × 6 cm
8. L-shaped figure: Base: 9 × 3 × 5 m; Vertical: 4 × 5 × 6 m
9. L-shaped figure: Base: 11 × 5 × 5 in; Vertical: 3 × 3 × 7 in
10. L-shaped figure: Base: 8 × 4 × 5 cm; Vertical: 3 × 5 × 8 cm

Name: _____ Date: _____

Volume Composite Figures - Medium

Find the total volume of the composite figure by adding the volumes of each part.

11. L-shaped figure: Base: 10 × 5 × 4 m; Vertical: 4 × 3 × 7 m

12. L-shaped figure: Base: 8 × 3 × 4 m; Vertical: 5 × 5 × 5 m

13. L-shaped figure: Base: 10 × 3 × 3 in; Vertical: 5 × 4 × 8 in

14. L-shaped figure: Base: 9 × 4 × 4 cm; Vertical: 3 × 3 × 8 cm

15. L-shaped figure: Base: 9 × 5 × 6 m; Vertical: 5 × 3 × 5 m

16. L-shaped figure: Base: 11 × 5 × 6 in; Vertical: 5 × 4 × 7 in

17. L-shaped figure: Base: 12 × 3 × 4 cm; Vertical: 4 × 5 × 8 cm

18. L-shaped figure: Base: 8 × 4 × 5 m; Vertical: 3 × 4 × 7 m

19. L-shaped figure: Base: 11 × 3 × 5 cm; Vertical: 4 × 3 × 7 cm

20. L-shaped figure: Base: 9 × 4 × 3 m; Vertical: 3 × 3 × 8 m

Volume Composite Figures - Medium - Answer Key

1. L-shaped figure: Base: 11 × 5 × 4 in; Vertical: 4 × 3 × 8 in
   316 cubic in

2. L-shaped figure: Base: 11 × 3 × 5 in; Vertical: 4 × 5 × 7 in
   305 cubic in

3. L-shaped figure: Base: 11 × 3 × 5 cm; Vertical: 5 × 3 × 6 cm
   255 cubic cm

4. L-shaped figure: Base: 8 × 3 × 4 cm; Vertical: 3 × 3 × 7 cm
   159 cubic cm

5. L-shaped figure: Base: 8 × 5 × 6 in; Vertical: 4 × 5 × 5 in
   340 cubic in

6. L-shaped figure: Base: 8 × 5 × 6 in; Vertical: 5 × 4 × 8 in
   400 cubic in

7. L-shaped figure: Base: 10 × 5 × 3 cm; Vertical: 4 × 5 × 6 cm
   270 cubic cm

8. L-shaped figure: Base: 9 × 3 × 5 m; Vertical: 4 × 5 × 6 m
   255 cubic m

9. L-shaped figure: Base: 11 × 5 × 5 in; Vertical: 3 × 3 × 7 in
   338 cubic in

10. L-shaped figure: Base: 8 × 4 × 5 cm; Vertical: 3 × 5 × 8 cm
    280 cubic cm

Volume Composite Figures - Medium - Answer Key

11. L-shaped figure: Base: 10 × 5 × 4 m; Vertical: 4 × 3 × 7 m
    284 cubic m

12. L-shaped figure: Base: 8 × 3 × 4 m; Vertical: 5 × 5 × 5 m
    221 cubic m

13. L-shaped figure: Base: 10 × 3 × 3 in; Vertical: 5 × 4 × 8 in
    250 cubic in

14. L-shaped figure: Base: 9 × 4 × 4 cm; Vertical: 3 × 3 × 8 cm
    216 cubic cm

15. L-shaped figure: Base: 9 × 5 × 6 m; Vertical: 5 × 3 × 5 m
    345 cubic m

16. L-shaped figure: Base: 11 × 5 × 6 in; Vertical: 5 × 4 × 7 in
    470 cubic in

17. L-shaped figure: Base: 12 × 3 × 4 cm; Vertical: 4 × 5 × 8 cm
    304 cubic cm

18. L-shaped figure: Base: 8 × 4 × 5 m; Vertical: 3 × 4 × 7 m
    244 cubic m

19. L-shaped figure: Base: 11 × 3 × 5 cm; Vertical: 4 × 3 × 7 cm
    249 cubic cm

20. L-shaped figure: Base: 9 × 4 × 3 m; Vertical: 3 × 3 × 8 m
    180 cubic m