Name: _____ Date: _____

Fresh Math

Volume With Mini Cubes - Medium

How many unit cubes fill each box?

1. A box is 7 units long, 7 units wide, and 3 units tall.
2. A box is 4 units long, 2 units wide, and 6 units tall.
3. A box is 5 units long, 2 units wide, and 2 units tall.
4. A box is 6 units long, 4 units wide, and 7 units tall.
5. A box is 3 units long, 8 units wide, and 5 units tall.
6. A box is 10 units long, 7 units wide, and 7 units tall.
7. A box is 8 units long, 5 units wide, and 6 units tall.
8. A box is 5 units long, 3 units wide, and 8 units tall.
9. A box is 5 units long, 2 units wide, and 4 units tall.
10. A box is 6 units long, 8 units wide, and 6 units tall.

Name: _____ Date: _____

Fresh Math

Volume With Mini Cubes - Medium

How many unit cubes fill each box?

11. A box is 3 units long, 4 units wide, and 6 units tall.

12. A box is 8 units long, 5 units wide, and 2 units tall.

13. A box is 6 units long, 7 units wide, and 5 units tall.

14. A box is 3 units long, 7 units wide, and 2 units tall.

15. A box is 5 units long, 3 units wide, and 5 units tall.

16. A box is 6 units long, 3 units wide, and 4 units tall.

17. A box is 4 units long, 9 units wide, and 7 units tall.

18. A box is 10 units long, 5 units wide, and 2 units tall.

19. A box is 9 units long, 9 units wide, and 2 units tall.

20. A box is 5 units long, 8 units wide, and 7 units tall.

Volume With Mini Cubes - Medium - Answer Key

1. A box is 7 units long, 7 units wide, and 3 units tall.
   147 unit cubes
2. A box is 4 units long, 2 units wide, and 6 units tall.
   48 unit cubes
3. A box is 5 units long, 2 units wide, and 2 units tall.
   20 unit cubes
4. A box is 6 units long, 4 units wide, and 7 units tall.
   168 unit cubes
5. A box is 3 units long, 8 units wide, and 5 units tall.
   120 unit cubes
6. A box is 10 units long, 7 units wide, and 7 units tall.
   490 unit cubes
7. A box is 8 units long, 5 units wide, and 6 units tall.
   240 unit cubes
8. A box is 5 units long, 3 units wide, and 8 units tall.
   120 unit cubes
9. A box is 5 units long, 2 units wide, and 4 units tall.
   40 unit cubes
10. A box is 6 units long, 8 units wide, and 6 units tall.
    288 unit cubes

Volume With Mini Cubes - Medium - Answer Key

11. A box is 3 units long, 4 units wide, and 6 units tall.
    72 unit cubes

12. A box is 8 units long, 5 units wide, and 2 units tall.
    80 unit cubes

13. A box is 6 units long, 7 units wide, and 5 units tall.
    210 unit cubes

14. A box is 3 units long, 7 units wide, and 2 units tall.
    42 unit cubes

15. A box is 5 units long, 3 units wide, and 5 units tall.
    75 unit cubes

16. A box is 6 units long, 3 units wide, and 4 units tall.
    72 unit cubes

17. A box is 4 units long, 9 units wide, and 7 units tall.
    252 unit cubes

18. A box is 10 units long, 5 units wide, and 2 units tall.
    100 unit cubes

19. A box is 9 units long, 9 units wide, and 2 units tall.
    162 unit cubes

20. A box is 5 units long, 8 units wide, and 7 units tall.
    280 unit cubes