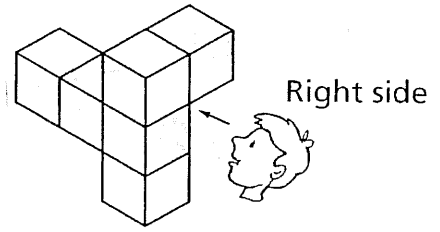


**Grade 4/Unit 7 Pre-Assessment: 3-D Geometry**

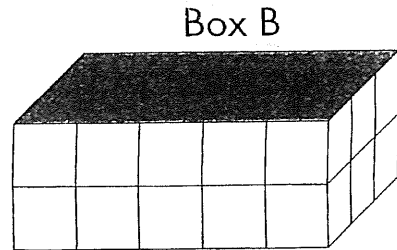
1. How many cubes are used to make this cube building?

- A. 6      B. 8      C. 9      D. 13



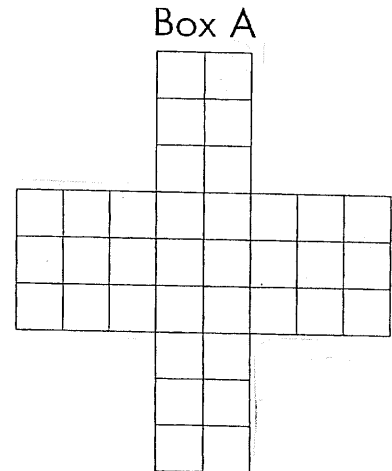
2. How many cubes fit in Box B?

- A. 30      B. 20      C. 16      D. 10

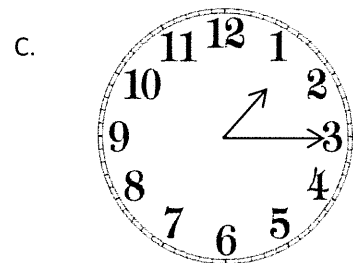
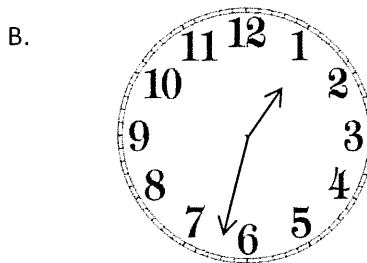
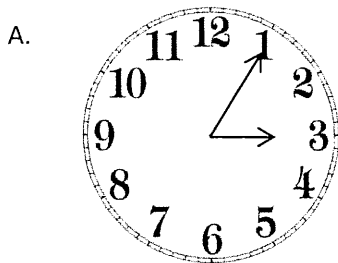


3. What are the dimensions of the bottom layer of Box A?

- A. 2 x 2      B. 3 x 3      C. 2 x 3      D. 3 x 8

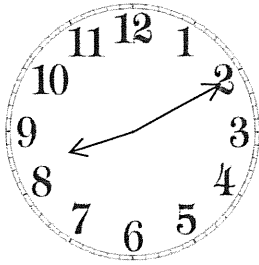


4. Which of these clocks shows 1:15?



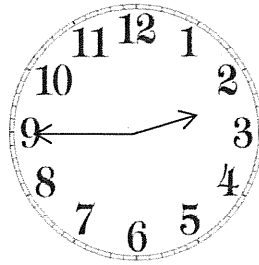
Identify the time on each clock.

5.



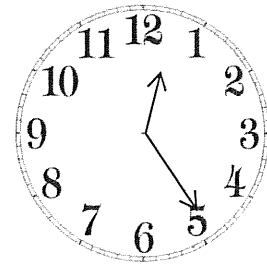
\_\_\_\_\_

6.



\_\_\_\_\_

7.



\_\_\_\_\_

Use this Measurement Equivalents Chart to answer the following questions.

8. 5 gallons = \_\_\_\_\_ quarts

9. 4 hours = \_\_\_\_\_ minutes

10. 3 pounds = \_\_\_\_\_ ounces

11. 4 kilograms = \_\_\_\_\_ grams

12. 8 liters = \_\_\_\_\_ milliliters

Measurement Equivalents
<b>Weight and Mass</b> 1 pound = 16 ounces 1 kilogram = 1,000 grams
<b>Capacity</b> 1 gallon = 4 quarts 1 liter = 1,000 milliliters
<b>Time</b> 1 minute = 60 seconds 1 hour = 60 minutes