

Ready® Mathematics**Lesson 24 Quiz**

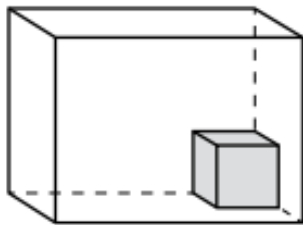
Solve the problems.

- 1** A unit cube is shown below.



Which of these can best be measured using unit cubes?

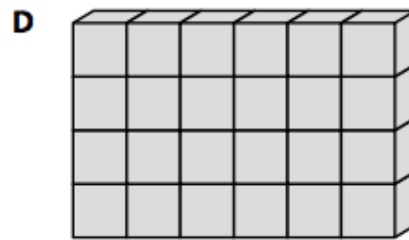
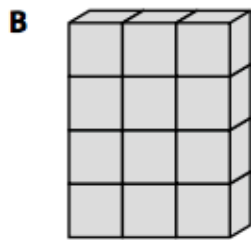
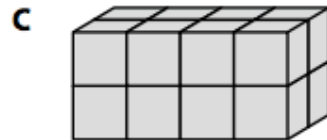
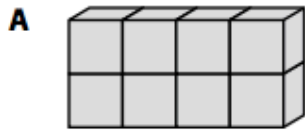
- A** volume
 - B** area
 - C** weight
 - D** temperature
- 2** Which unit of measurement can be used to express the volume of this prism?



- A** square units
- B** unit squares
- C** cubic units
- D** degrees

Lesson 24 Quiz continued

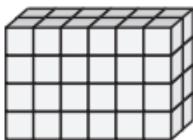
3 John builds a rectangular prism that has a volume of 12 cubic units. Which rectangular prism could be John's prism?



Count the cubes and find the volume of each rectangular prism.

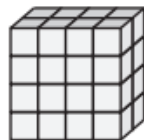
= 1 ft³

4)



Volume = _____

5)



Volume = _____

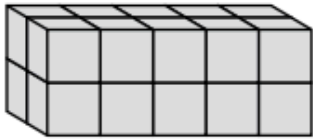
6)



Volume = _____

7) Read the question below and solve the answer.

Caroline needs a box with the same volume as the one shown below. Each block in the box below has a volume of 1 cubic unit.



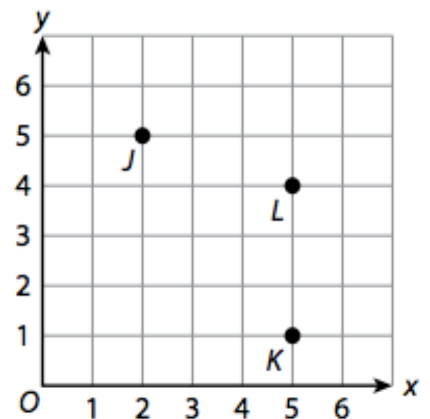
Draw a different box that Caroline could use. Draw and describe the number of layers in the box and the number of blocks in each layer.

8) Hint: Don't forget the origin is at (0,0)

Look at the coordinate plane at the right.

Choose *True* or *False* for each statement about the points in the coordinate plane.

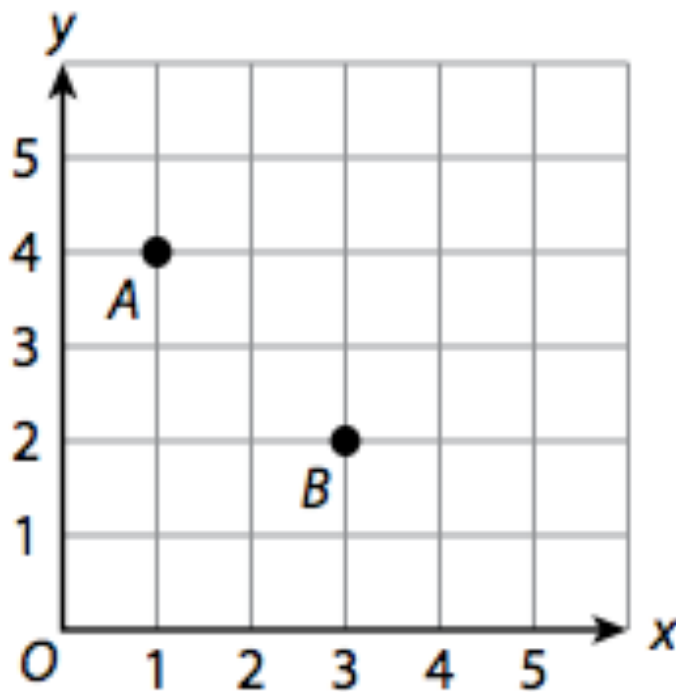
- a. Point *J* and point *K* have the same *y*-coordinate. True False
- b. Point *K* and point *L* have the same *x*-coordinate. True False
- c. Point *J* and point *L* are the same distance up from the origin. True False
- d. The *y*-coordinate of point *L* is 5. True False
- e. Point *J* is the nearest point to the right of the origin. True False



9) Fill in the correct Coordinate Plane. Don't forget, run and then JUMP!

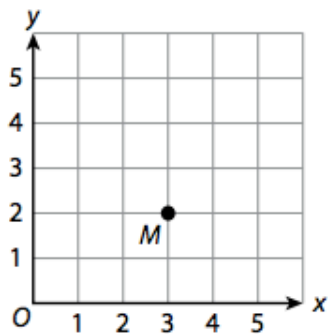
The ordered pair for point A is (_____, _____).

The ordered pair for point B is (_____, _____).



10)

Hailey identifies the ordered pair for point M on the coordinate plane as $(2, 3)$.



Explain Hailey's error and tell how to correctly identify the ordered pair for point M .
