

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**INSTRUCTIONS:** PRINT in black ink. **No pencils.**

Respond to, and answer every question. If a question is not applicable to you, indicate with **N/A**. If the space available is insufficient, use a separate sheet of paper and precede each answer with the number of the question. This questionnaire is double sided; both sides of each sheet are to be completed. Do not answer the numbered questions on page one, go directly to page two and begin the exam. DO NOT MISSTATE, OMIT, EXAGGERATE, MINIMIZE, OR PROVIDE FALSE OR MISLEADING FACTS. ANY OR ALL OF THE ABOVE ARE CAUSE FOR REJECTION, DISQUALIFICATION, OR DISMISSAL.

Have you read and do you understand ALL of the above instructions? YES ( ) NO ( )

- 1) At work, I prefer to:
  - a. Be useful
  - b. Be the first to start projects
  - c. Wait for others to start
  - d. Organize effectively
  - e. Think clearly
- 2) At work, I know a task is well done when:
  - a. It is the same as before
  - b. The procedure is followed
  - c. Alternatives are found
  - d. It is better than before
  - e. A new way is found
- 3) At work, I want to:
  - a. Decide for myself
  - b. Keep the tools in good shape
  - c. Do what others ask
  - d. Work on big projects
  - e. Perform precise sequences
- 4) When unscrambled, what do the letters in this word spell out?: P -L -E -A -P
  - a. A type of fruit
  - b. A type of animal
  - c. A type of clothing
  - d. A type of building

- 5) Describe your experience, including tools with which you are proficient, in each of the following craft areas.

Carpentry -

Plumbing -

Electrical -

Mechanical -

Painting -

- 6) What qualities do you think you possess that would make you successful in this position?

- 7) Why do you think you would like to work for Applied Rapid Technologies?

8) Do you have any Special training? YES ( ) NO ( )  
If yes, please list or describe:

9) Do you have any Special skills? YES ( ) NO ( )  
If yes, please list or describe:

10) Why should you be selected above other applicants?

11) If you travel approximately 30 feet per second when driving at 20 miles per hour, how far would you travel in 3 seconds when driving at 60 miles per hour?

12) If you were reduced in size to the height of a pencil eraser and fell into a blender, how would you get out?

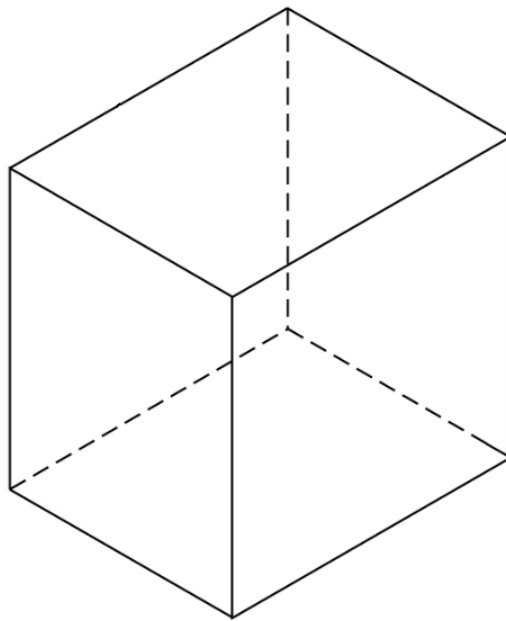
13) What is the title of the last book you read?

14) How long ago did you read the book?

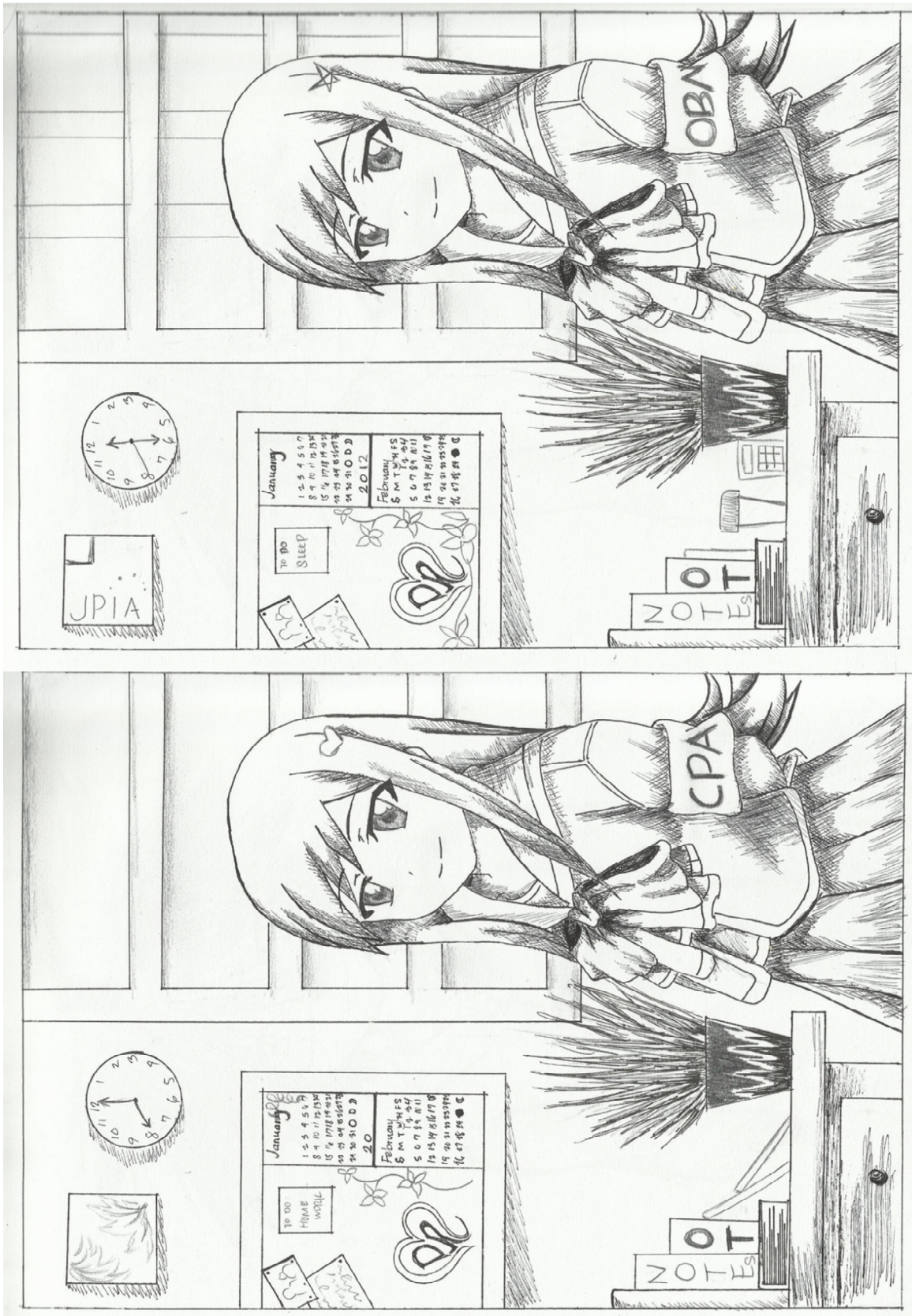
15) What was an important point that you learned or took away from the book?

16) From where are raisins obtained?

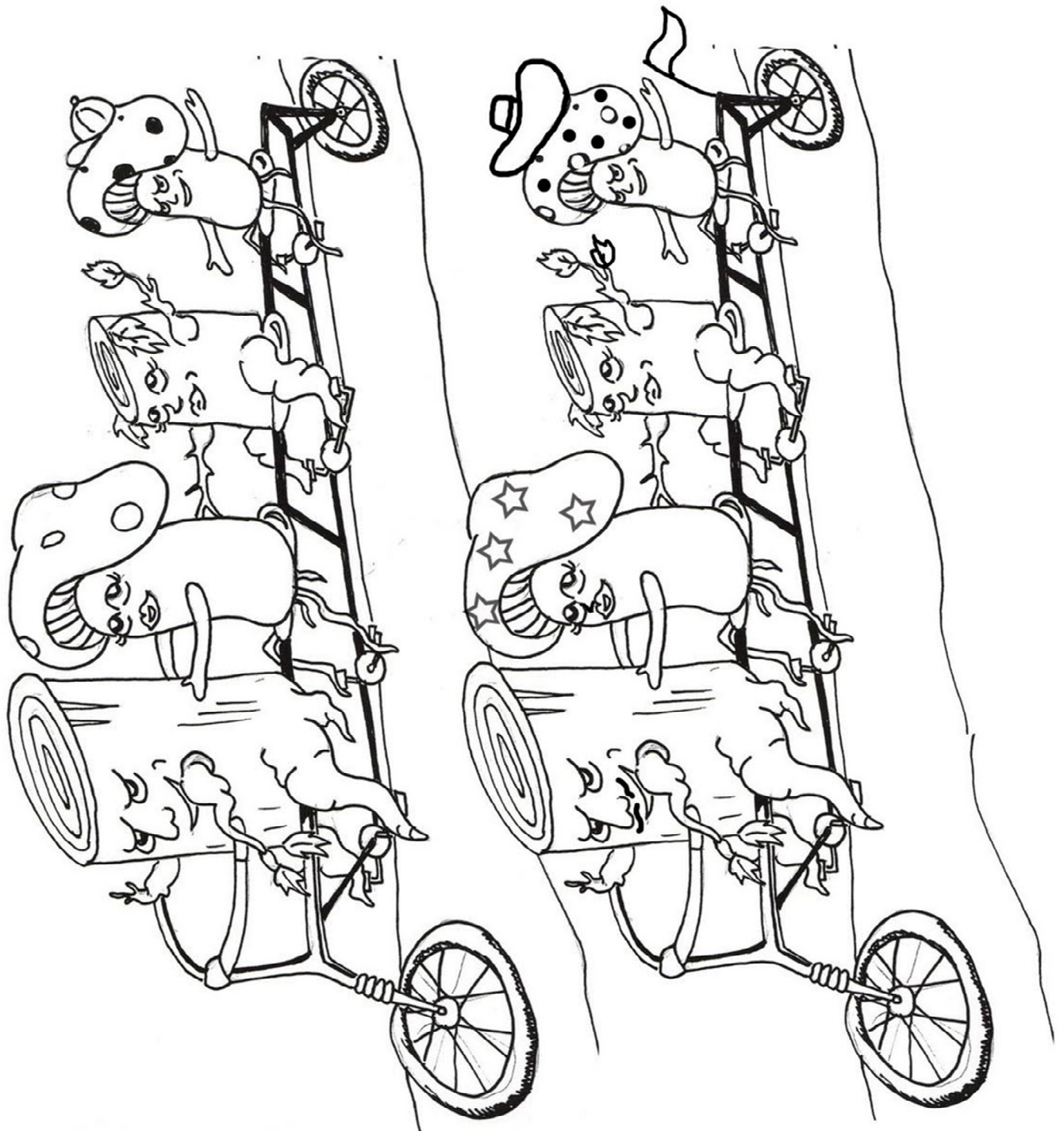
- 17) What is a foot pound?
- 18) What is the distance between the Earth and the Sun?
- 19) How many years does it take the Earth to complete a revolution around the sun?
- 20) List six species of wood:
- 21) Given two sheets of silicon carbide sandpaper, one a 220 grit, the other a 600 grit. Which of the following statements is true?
- a. The 600 grit paper will feel coarser than the 220 grit paper.
  - b. The 220 grit paper will feel finer when compared to the 600 grit paper.
  - c. The 600 grit paper utilizes smaller particles of abrasive than the 220 grit paper.
  - d. 220 and 600 paper are very similar, but measured using different scales.
- 22) A certain metallic cube has a red top, a green bottom, two yellow sides, and a blue front and back. A woman with magnetic boots standing on the red top face walks forward onto the front blue face, turns right and walks three faces, turns left and walks three faces, turns right and walks two faces, and turns to her left and walks one face. What color is the face on which she now stands?



23) Compare the two images, and circle any differences you spot:

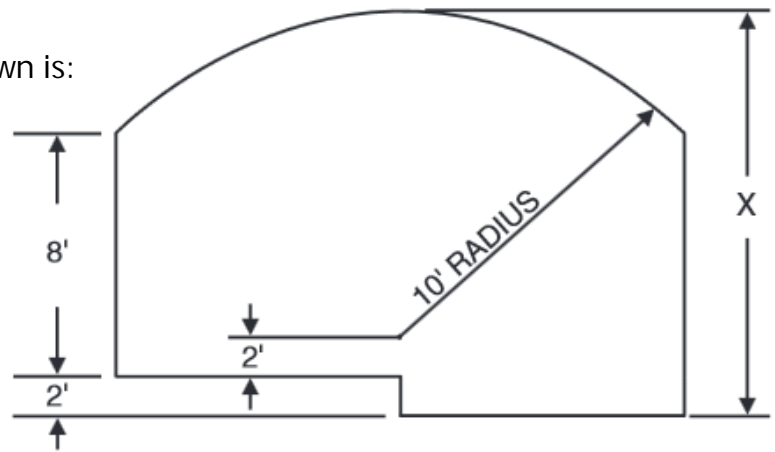


24) Compare the two images, and circle any differences you spot:



25) The distance "X" on the piece shown is:

- a. 16 feet
- b. 14 feet
- c. 12 feet
- d. 18 inches



The following three questions are based on Figure 18.

- 26) What is the measurement shown by bracket number 2? \_\_\_\_\_
- 27) What is the sum of brackets 1 + 2 + 3? \_\_\_\_\_
- 28) Indicate 4.125" on the scale.

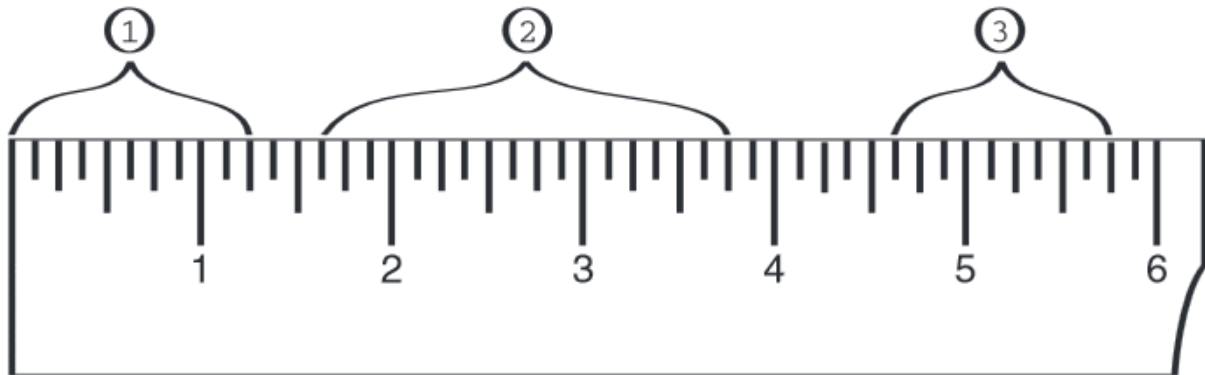


Fig.18

29) How many millimeters are in an inch? \_\_\_\_\_

30) \_\_\_\_\_ gears are turning clockwise in the illustration below.

- a. 3
- b. 5
- c. 6
- d. 7

