

Grade 3 NHEIAP Sample Questions

The following is a sample of multiple-choice items from the May 2000 grade 3 statewide assessment. For more items, including open response items and the writing assignment, visit www.ed.state.nh.us/Assessment/released1.htm.

Now try the sample items.

(Answers are provided after the last grade 3 item.)

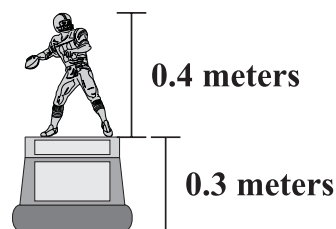
English Language Arts

The English language arts questions are based on the reading passage, "Bicycle Rules of the Road," which is provided at the web site named above.

- 1. When you cross a busy street, you should**
 - A. talk to your friends.
 - B. walk your bike.
 - C. ride your bike slowly.
 - D. make a hand signal.
- 2. According to "Bicycle Rules of the Road," when making a right-hand turn onto another street, you should**
 - A. walk your bicycle.
 - B. use a hand signal.
 - C. keep both hands on the handlebars.
 - D. warn people who get in your way.
- 3. According to these rules, where should you ride your bicycle?**
 - A. on the right side of the sidewalk
 - B. against the flow of traffic
 - C. on the right side of the road
 - D. on the left side of the road

Mathematics

Use the statue below to answer question 4.

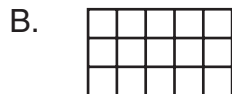
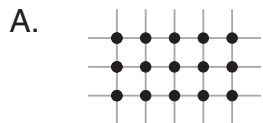


- 4. The base of this statue is 0.3 meters tall. The figure of the football player is 0.4 meters tall.**

What is the total height of the statue?

- A. 0.1 meters
- B. 0.7 meters
- C. 1.0 meters
- D. 7.0 meters

5. Which of the following does NOT show a way to find the product of 3×5 ?



6. Meg lives $\frac{1}{2}$ mile from school. What is the decimal name for this distance?

- A. .10 mile
- B. .30 mile
- C. .50 mile
- D. .80 mile

Answers. The percentages shown below are the percent of students statewide who selected the correct response.

- | | |
|------------|------------|
| 1. B (79%) | 4. B (93%) |
| 2. B (76%) | 5. D (69%) |
| 3. C (56%) | 6. C (31%) |

Grade 6 NHEIAP Sample Questions

The following is a sample of multiple-choice items from the May 2000 grade 6 statewide assessment. For more items, including open response items and the writing assignment, visit www.ed.state.nh.us/Assessment/released1.htm.

Now try the sample items.

(Answers are provided after the last grade 6 item.)

English Language Arts

The English language arts questions are based on the reading passage, "The Penn Relays," which is provided at the web site named above.

1. Webb is planning to sign up for the track team because
 - A. his favorite sport is running.
 - B. he wants to compete with Mike and the other students.
 - C. his first name is Penn.
 - D. he wants his great-grandfather to be proud of him.
2. Which statement **best** explains why the storyteller returns Webb's paper?
 - A. He knew that class was over.
 - B. He was a teammate of Webb's.
 - C. He could relate to Webb because of his paper.
 - D. He did not want to get caught by the teacher.

3. In paragraph 10, the phrase "he feels himself disappearing like the prairie" is an example of
 - A. personification.
 - B. a metaphor.
 - C. exaggeration.
 - D. a simile.

Mathematics


Use the information in the box below to answer question 4.

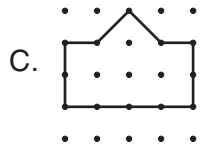
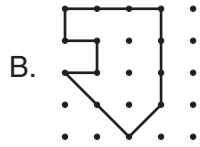
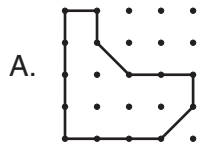
Terry had \$38, and then he made \$13 mowing his neighbor's lawn. If he spent \$7 to buy his friend a birthday present, how much money would he have left?

4. Which expression may be used to represent this information?
 - A. $\$38 + \$13 - \$7 = \44
 - B. $\$38 - \$13 + \$7 = \32
 - C. $\$38 + \$13 + \$7 = \58
 - D. $\$38 - \$13 - \$7 = \18

Science

5. Which figure has an area of $8\frac{1}{2}$ square units?

Key:  = one square unit



6. Compute the following:

$$430 - 19.7 =$$

- A. 23.3
B. 410.3
C. 411.3
D. 429.7

7. Sue said that cactuses grow only in dry sand. Julie said cactuses will grow in any kind of dry soil. They can decide who is right by
- A. planting many kinds of plants in dry sand.
B. planting cactuses in different kinds of dry soil, including sand.
C. giving different amounts of water to many kinds of plants, including cactuses.
D. giving a lot of water to cactuses planted in sand.
8. As an astronaut travels from Earth to a space station orbiting Earth, what happens to her mass and weight?
- A. Her mass decreases, but her weight remains the same.
B. Her mass increases as her weight decreases.
C. Her mass remains the same, but her weight decreases.
D. Her mass decreases and her weight also decreases.
9. What is produced by photosynthesis?
- A. light
B. heat
C. protein
D. sugar

Social Studies

10. Jill lives in Hawaii. She will be going away to college in New Hampshire in the fall. Which is something she will **need** while living in New Hampshire?
- A. bathing suit
 - B. warm coat
 - C. basketball shoes
 - D. designer jeans
11. What is an economic trade-off?
- A. refusing to trade
 - B. trading only with one person
 - C. giving up one thing to get another thing
 - D. paying someone so they won't trade with anyone else
12. All of the following were among the first permanent settlements in New Hampshire **except**
- A. Portsmouth.
 - B. Concord.
 - C. Exeter.
 - D. Hampton.

Answers. The percentages shown below are the percent of students statewide who selected the correct response.

- | | | | |
|------------|------------|------------|-------------|
| 1. D (93%) | 4. A (92%) | 7. B (92%) | 10. B (94%) |
| 2. C (65%) | 5. B (52%) | 8. C (54%) | 11. C (50%) |
| 3. D (32%) | 6. B (39%) | 9. D (33%) | 12. B (20%) |

Grade 10 NHEIAP Sample Questions

The following is a sample of multiple-choice items from the May 2000 grade 10 statewide assessment. For more items, including open response items and the writing assignment, visit www.ed.state.nh.us/Assessment/released1.htm.

Now try the sample items.

(Answers are provided after the last grade 10 item.)

English Language Arts

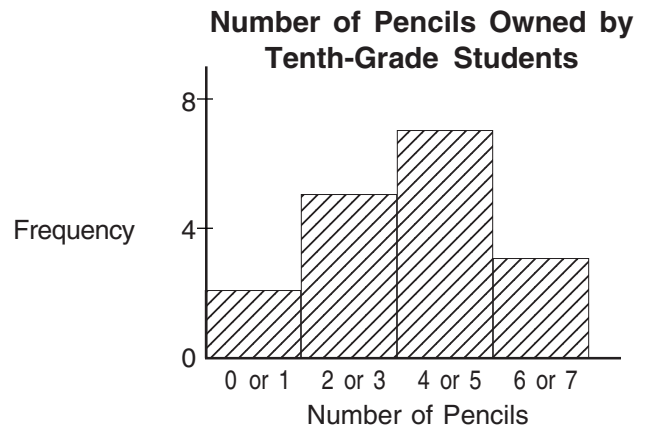
The English language arts questions are based on the reading passage, "First Step to the Moon," which is provided at the web site named above.

1. This account is written in which point of view?
 - A. first person
 - B. second person
 - C. third-person limited
 - D. third-person omniscient
2. Which would be the **best** subtitle for this section of "First Step to the Moon"?
 - A. "Leaving Earth Behind"
 - B. "Making History on the Moon"
 - C. "Touring Outer Space"
 - D. "Entering the Capsule"
3. Shepard's description of the parachute chest pack implies that he
 - A. was worried that he would actually have to use it.
 - B. did not think it would be very useful.
 - C. felt relief that plans had been made for an emergency.
 - D. thought that NASA was being overly cautious.

Mathematics

Use the table and graph below to answer question 4.

Number of Pencils	Frequency
0 or 1	2
2 or 3	x
4 or 5	7
6 or 7	3



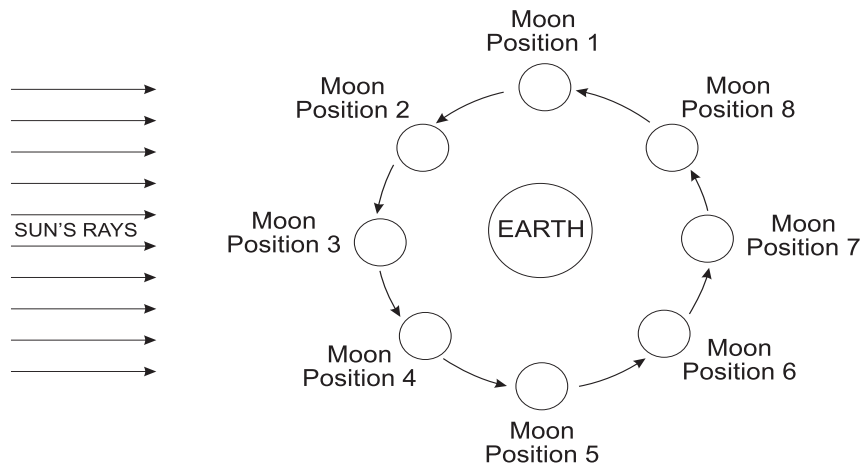
4. A table and a graph of the same data are shown above. What is x ?
 - A. 3
 - B. 4
 - C. 5
 - D. 6

5. $\frac{4}{3} \div \left(\frac{1}{2} + \frac{2}{3}\right) =$
- A. $\frac{4}{5}$
- B. $\frac{8}{7}$
- C. $\frac{14}{9}$
- D. $\frac{20}{9}$

6. Thirty percent of the flute players in the band have played the flute for more than six years. Sixty percent of the band members have played a musical instrument for more than four years. Which of the following is true?
- A. Thirty percent of the band members have played a musical instrument for more than six years.
- B. Forty percent of the band members have just begun playing their musical instruments.
- C. Forty percent of the band members have played a musical instrument for four years or less.
- D. Ninety percent of the band members have played a musical instrument for more than four years.

Science

Use the diagram below to answer question 7.

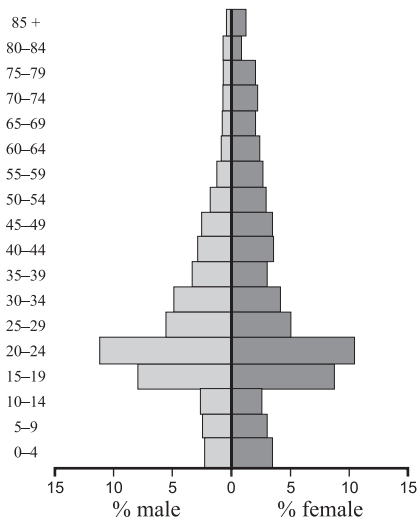


7. At which position of the Moon could an eclipse of the Sun occur?
- A. when the Moon is in Position 1
- B. when the Moon is in Position 3
- C. when the Moon is in Position 5
- D. when the Moon is in Position 7

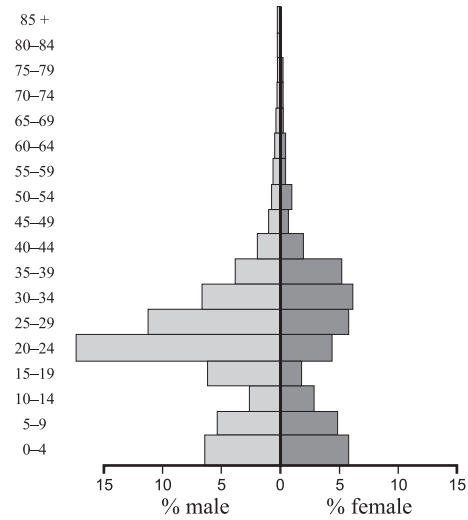
8. Large bodies of water have a moderating effect on climate primarily because
- A. water gains heat more rapidly than land does.
 - B. water surfaces are flatter than land surfaces.
 - C. water temperatures are always lower than land temperatures.
 - D. water temperatures change more slowly than land temperatures do.
9. In watermelon plants, the allele for solid green fruit (G) is dominant over the allele for striped fruit (g). Pollen from a flower of a homozygous green watermelon plant is used to pollinate a flower from a heterozygous green watermelon plant. What percent of the offspring of this cross will produce striped watermelons?
- A. 0%
 - B. 25%
 - C. 50%
 - D. 100%

Social Studies

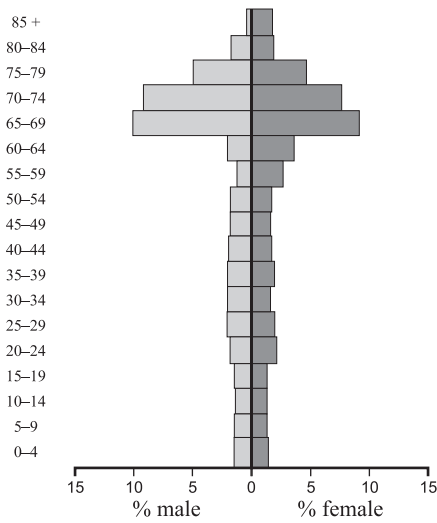
Use the population pyramids below to answer question 10.



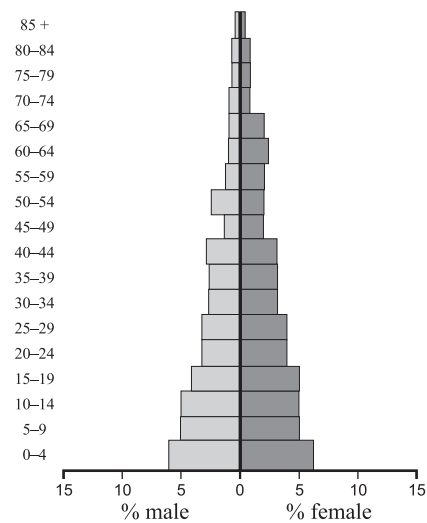
Pyramid A



Pyramid B



Pyramid C



Pyramid D

10. Which population pyramid most likely represents an area that has many retired people?

- A. Pyramid A
- B. Pyramid B
- C. Pyramid C
- D. Pyramid D

11. A country moving from a command economy to a market economy will **most likely**
- A. establish a new monetary system.
 - B. establish a new political system.
 - C. reduce government control of business.
 - D. increase government control of business.

12. Which of the following is **most closely** associated with the fall of Communism in Eastern Europe?
- A. the Polish labor movement called Solidarity
 - B. the Bamboo Curtain
 - C. the United Nations
 - D. the Strategic Arms Limitation Treaty Talks

Answers. The percentages shown below are the percent of students statewide who selected the correct response.

1. A (88%)	4. C (82%)	7. B (83%)	10. C (82%)
2. D (68%)	5. B (50%)	8. D (57%)	11. C (58%)
3. B (36%)	6. C (28%)	9. A (31%)	12. A (14%)