NeSA Mathematics

Nebraska State Accountability

Grade 4
Mathematics
Practice Test

Name:

Directions:

On the following pages are multiple-choice questions for the Grade 4 Practice Test, a practice opportunity for the *Nebraska State Accountability–Mathematics (NeSA–M).*

Each question will ask you to select an answer from among four choices.

For all questions:

- Read each question carefully and choose the best answer.
- You may use scratch paper to solve the problems.
- The Mathematics Reference Sheet is provided in the back of the test booklet. You may refer to this page any time during the test.
- You may <u>not</u> use a calculator on this test.
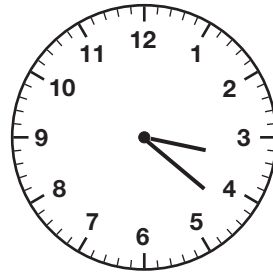- Be sure to answer ALL the questions.

Remember only one of the answers provided is the correct response.
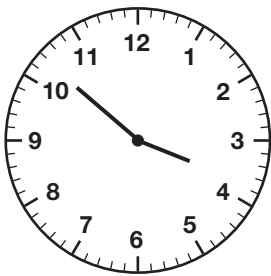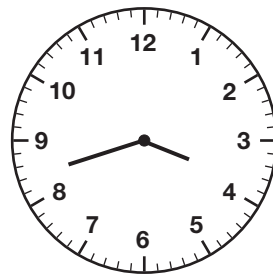
1. Which clock shows the time 3:42?

A.
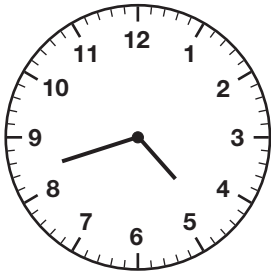
B.

C.

D.

2. **Use the table below to answer the question.**
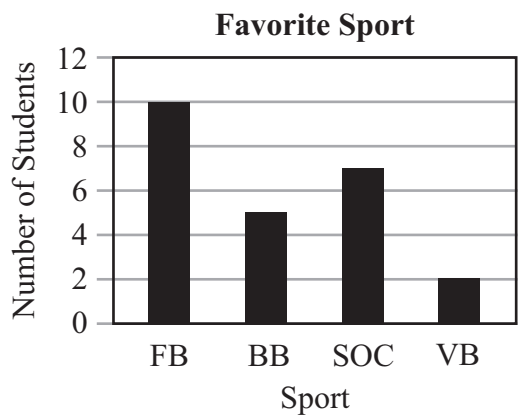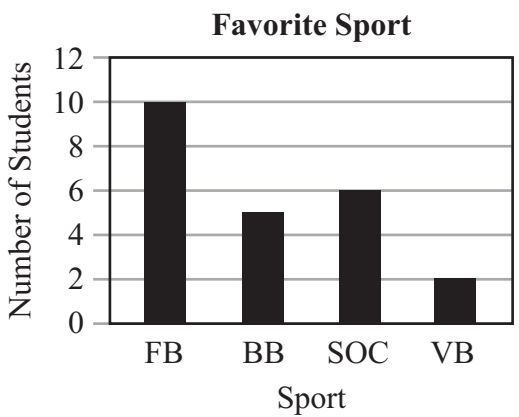
Favorite Sports

Sport	Number of Votes
football (FB)	10
basketball (BB)	5
soccer (SOC)	7
volleyball (VB)	2

The students in the fourth grade class voted for their favorite sport. Which bar graph shows results of the students vote?
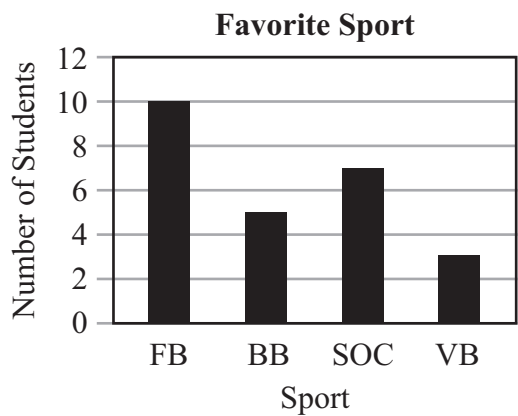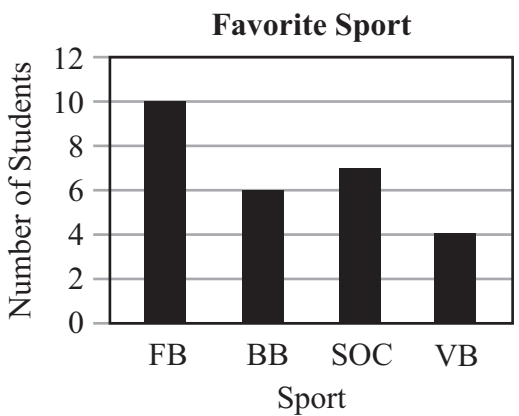
A.

Favorite Sport

B.

Favorite Sport


C.

Favorite Sport

D.

Favorite Sport

3. There are 16 students from Mr. Block's class at the library. The other four students in the class are practicing math facts in the classroom. Which number sentence shows the total number of students in Mr. Block's class?

    A. $16 + 4$

    B. $16 - 4$

    C. 16×4

    D. $16 \div 4$

4. Cody rides his bike to the park to meet a friend at noon. Cody arrives at the park at 11:00 a.m. Which question can be answered using this information?

    A. What is the distance between the park and Cody's house?

    B. How long could Cody have to wait for his friend?

    C. How long does Cody stay at the park?

    D. When will Cody leave to go home?

5   **Go on to the next page.**

5.   **Use the picture below to answer the question.**
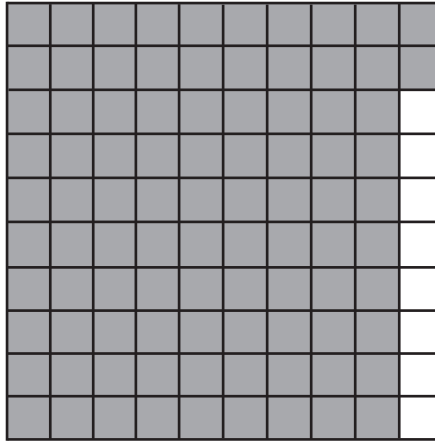
Which decimal number names the shaded part of this square?

A.   0.08

B.   0.20

C.   0.92

D.   0.98

6.   Which letter has a pair of parallel lines?

A.   H

B.   T

C.   V

D.   X

7.   Which number correctly completes the number sentence 80 × 34 = ___?

A.   272

B.   560

C.   1,920

D.   2,720

8. **Use the table below to answer the question.**

City Populations

City	Population
Denton	28,097
Bomberg	28,207
Windham	29,700
Sanhill	27,980

Which list of city populations is in order from least to greatest?

A. 28,097;   28,207;   29,700;   27,980

B. 29,700;   28,207;   28,097;   27,980

C. 27,980;   28,097;   28,207;   29,700

D. 27,980;   28,207;   28,097;   29,700

9. Which number correctly completes the subtraction sentence $5.0 - 3.25 =$ ___?

A. 1.25

B. 1.75

C. 2.25

D. 2.75

10. Which is the most appropriate metric unit for measuring the length of a spoon?

A. meter

B. kilometer

C. millimeter

D. centimeter

11. Which symbol correctly completes the number sentence $9 + 5 \triangle 18 - 5$?

    A. $+$

    B. $=$

    C. $\leq$

    D. $\geq$

12. Which number correctly completes the division sentence $3{,}000 \div 30 = \_\_\_$?
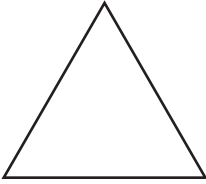
    A.   10

    B.   100

    C.   1,000

    D.   10,000

13. What is the value of n in the equation $64 \div n = 8$
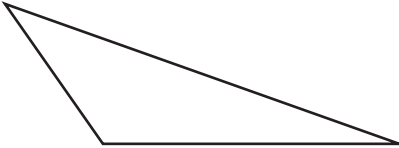
    A.   2

    B.   4

    C.   6

    D.   8

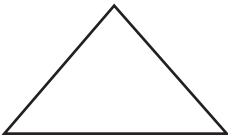14. Which triangle has one obtuse angle?

    A.
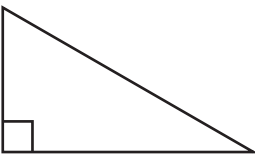
    B.

    C.

    D.

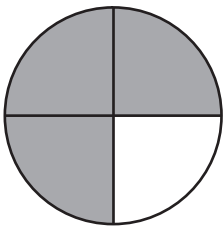15. A building is 36 feet high. What is the height of the building in yards?

    A. 1 yard

    B. 3 yards

    C. 12 yards

    D. 108 yards

16. Brad draws a shape on his paper. The shape has four sides. It has only one pair of parallel sides. What shape does Brad draw?
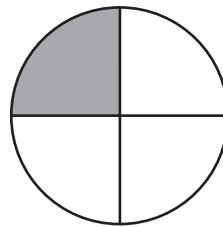
    A.   parallelogram

    B.   rectangle

    C.   square

    D.   trapezoid
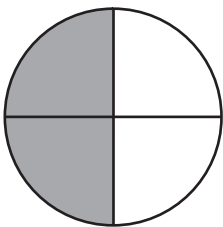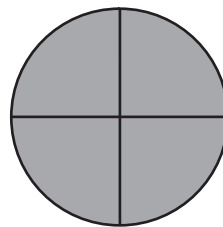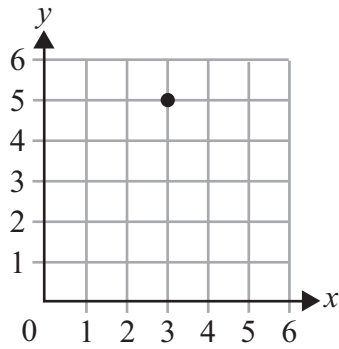
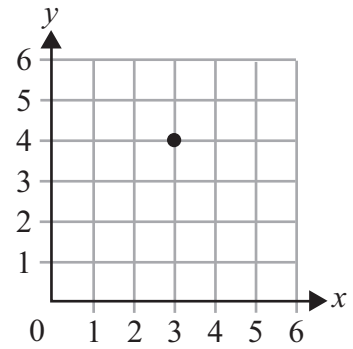17. Which circle has $\frac{1}{2}$ shaded?

A.

B.

C.

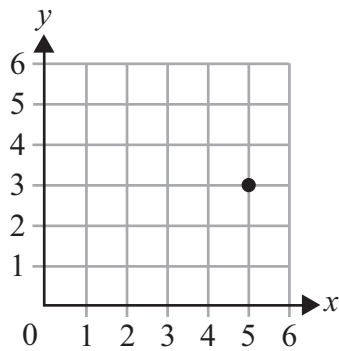

D.
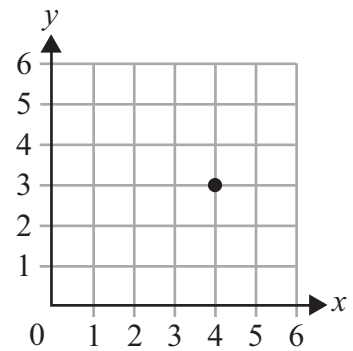
18. Which coordinate grid shows the ordered pair (3, 5)?

A.

B.

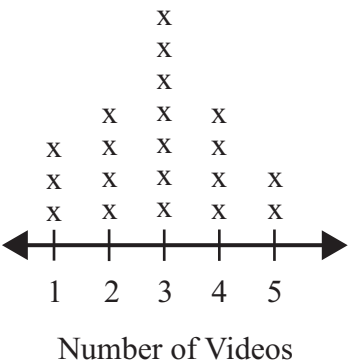
C.

D.

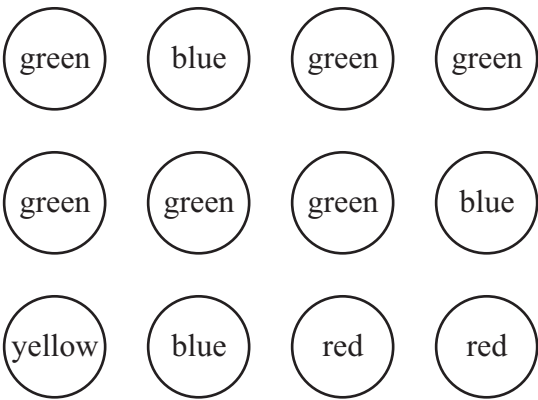19. **Use the line plot below to answer the question.**

Videos Checked Out by Students

```
                  X
                  X
                  X
           X   X   X
      X    X   X   X
      X    X   X   X   X
      X    X   X   X   X
   ◄──┼───┼───┼───┼───┼──►
      1   2   3   4   5
```

Number of Videos

Mrs. West keeps track of the number of videos each student checks out from the library. How many students check out more than three videos?

A. 4 students

B. 5 students

C. 6 students

D. 7 students

20. **Use the picture below to answer the question.**

green	blue	green	green
green	green	green	blue
yellow	blue	red	red

Sam will use one marker to color half of the circles. What is the color of the marker Sam will use?

A. blue

B. green

C. red

D. yellow

21. **Use the graph below to answer the question.**

Favorite Colors in Mrs. Anderson's Class
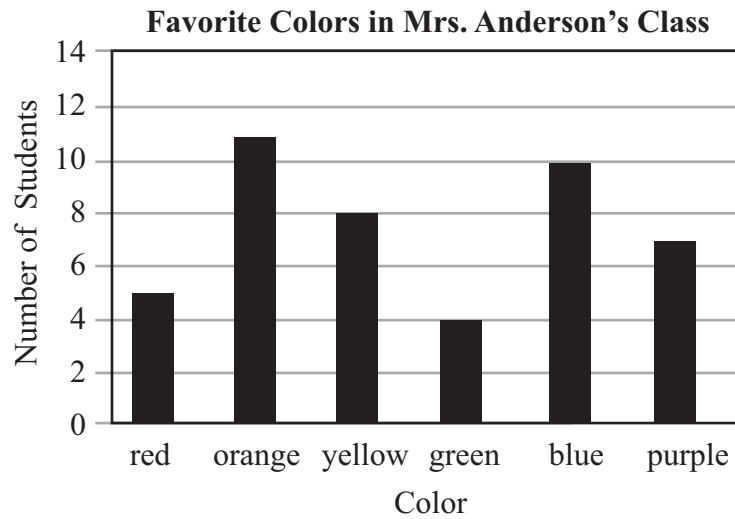
Mrs. Anderson graphs her students' favorite colors. In art class, the students paint a picture with their favorite color. All bottles of paint have the same amount to start with. Which two colors of paint are likely to run out first?

A.   red and green

B.   red and orange

C.   orange and blue

D.   yellow and purple

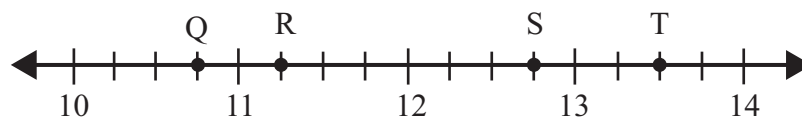22. Which number sentence shows the commutative property of multiplication?

A. $9 \times 7 = 7 \times 9$

B. $9 \times 1 = 9$

C. $9 \times 0 = 0$

D. $(9 \times 2) \times 7 = 9 \times (2 \times 7)$

Go on to the next page.

23. Sara has $56.00. She earns $19.00 more. How much money does Sara have in all?

   A. $37.00

   B. $43.00

   C. $65.00

   D. $75.00

24. **Use the number line below to answer the question.**

Which point is located at $12\frac{3}{4}$?

   A. point Q

   B. point R

   C. point S

   D. point T

Standard Units	Metric Units
Conversions – Length	
1 foot (ft) = 12 inches (in.)	1 centimeter (cm) = 10 millimeters (mm)
1 yard (yd) = 3 feet (ft) = 36 inches (in.)	1 meter (m) = 100 centimeters (cm)
1 mile (mi) = 1,760 yards (yd) = 5,280 feet (ft)	1 meter (m) = 1,000 millimeters (mm)
	1 kilometer (km) = 1,000 meters (m)

Grade 4 Practice Test

Answer Key

Number	Key
1	D
2	A
3	A
4	B
5	C
6	A
7	D
8	C
9	B
10	D
11	D
12	B
13	D
14	B
15	C
16	D
17	C
18	A
19	C
20	B
21	C
22	A
23	D
24	C