

Post Test

The use of a calculator is NOT allowed on questions 1–27. Answer all questions completely.

1. Madison combined $\frac{1}{4}$ of a bottle of red glitter with $\frac{1}{8}$ of a bottle of blue glitter to get a purple mix of glitter. What fraction of a bottle of glitter does Madison have now?

A. $\frac{1}{12}$

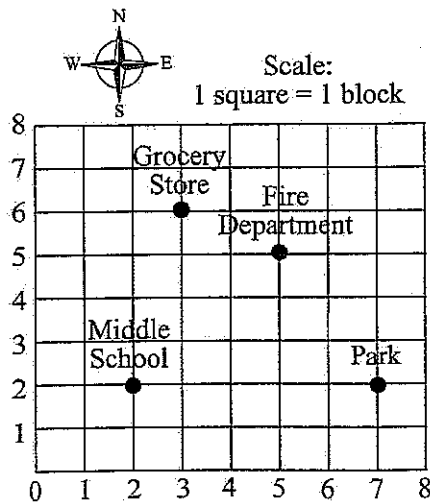
C. $\frac{1}{6}$

B. $\frac{3}{8}$

D. $\frac{3}{4}$

5.NF.1 DOK 2

2. Suppose you are at the Grocery Store as shown on the map below. If you stay on the grid lines, what is one way to get to the park?



- A. 4 blocks south and 4 blocks east.
 B. 4 blocks east and 4 blocks west.
 C. 4 blocks south and 4 blocks west.
 D. 4 blocks east and 4 blocks north.

5.G.1 DOK 2

3. Each of 7 grocery stores has 25 bags of potatoes. Each bag of potatoes contains 16 potatoes. Which expression tells how many potatoes are sold in all 7 stores?

A. $(25 \times 16) + 7$

B. $7 \times (25 \times 16)$

C. $16 + 25 + 7$

D. $16 \times (25 + 7)$

5.OA.2 DOK 2

4. 6,000 quarts = ___ gallons

A. 600

B. 4,000

C. 3,000

D. 1,500

5.MD.1 DOK 1

5. Which symbol makes this sentence true?

$500.005 \square 500.500$

A. $>$

B. $<$

C. $+$

D. $=$

5.NBT.3 DOK 2

6. How does the product of 57×60 compare to the product of 57×600 ?
- A. The product of 57×60 is twice the product of 57×600 because 60 is half of 600.
- B. The product of 57×60 is ten times the product of 57×600 because 60 is one-tenth of 600.
- C. The product of 57×60 is equal to the product of 57×600 because $57 = 57$.
- D. The product of 57×60 is one-tenth of the product of 57×600 because 60 is one-tenth of 600.

5.NTB.1 DOK 3

7. Shannon has $\frac{7}{8}$ of a bag of beads. She used $\frac{3}{4}$ of the $\frac{7}{8}$ bag of beads to make necklaces for her friends. What fraction of the whole bag of beads does she have left over?

- A. $\frac{7}{32}$ C. $\frac{1}{4}$
- B. $\frac{11}{32}$ D. $\frac{1}{12}$

5.NF.1 DOK 3

8. Which of the sentences below best describes a rhombus?
- A. A rhombus is a polygon that never has parallel sides.
- B. A rhombus is a trapezoid with one pair of parallel sides.
- C. A rhombus is a parallelogram with all four sides equal in length.
- D. A rhombus is a rectangle with two pairs of parallel sides.

5.G.3 DOK 1

9. How many $\frac{1}{2}$ cup servings of baked beans are there in a can containing 4 cups of baked beans?

- A. 8 C. 12
- B. 10 D. 4

5.NF.7 DOK 2

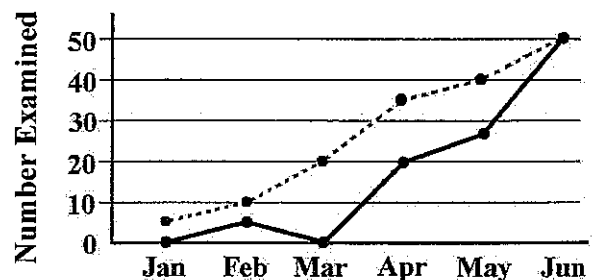
10. There are 1,512 students at Meadow Springs Elementary. If there is an equal number of students in the six grades, kindergarten through 5th grade, how many students are there in each grade?

- A. 248 C. 262
- B. 252 D. 256

5.NBT.6 DOK 2

11. The double bar graph below shows the number of puppies and kittens examined by the Friendly Pet Clinic.

**Number of Puppies and Kittens Examined
Friendly Pet Clinic from January - June**



Key:
 Kittens: ----
 Puppies: —

What is the total number of puppies and kittens examined in April?

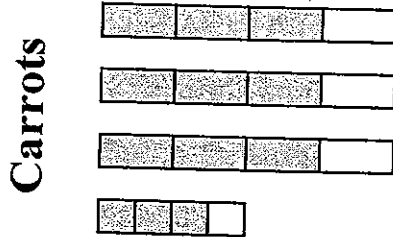
- A. 55
- B. 35
- C. 20
- D. 50

5.MD.2 DOK 2

12. Olivia has \$112.59 in her savings account. How do you write the amount of money Olivia has in expanded form?
- A. $100 + 10 + 2 + 0.5 + 0.09$
 - B. $100 + 10 + 0.5 + 0.09$
 - C. $100 + 10 + 2 + 0.05 + 0.009$
 - D. $100 + 10 + 2 + 0.8 + 0.9$

5.NBT.3 DOK 1

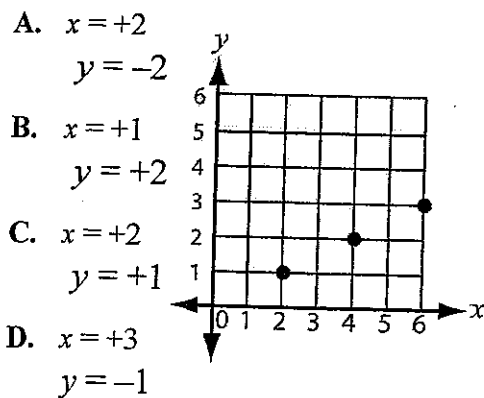
13. There are $3\frac{1}{2}$ carrots left. William eats $\frac{3}{4}$ of the remaining carrots. What fraction of the carrots that remained did William eat?



- A. $3\frac{1}{8}$
- B. $2\frac{5}{8}$
- C. $2\frac{1}{8}$
- D. $3\frac{1}{8}$

5.NF.1 DOK 3

14. Study the points on the coordinate grid below. Find the pattern for the x - and y -axes.



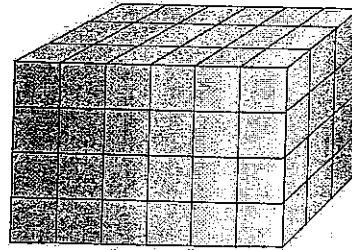
5.OA.3 DOK 3

15. A family harvested 6 baskets of apples from the tree in their backyard. They equally share the 6 baskets of apples with themselves and 3 other families. Find the number of baskets of apples each family will receive. Between what two whole numbers is your answer?

- A. Between 0 and 1
- B. Between 1 and 2
- C. Between 2 and 3
- D. Between 3 and 4

5.NF.3 DOK 2

16. Juan packed a box with cubes as shown in the picture below. How many cubic units did Juan use to fill the box?



- A. 66 cubic units
- B. 74 cubic units
- C. 68 cubic units
- D. 72 cubic units

5.MD.4 DOK 2

17. Which shape has all 4 sides the same length but can have 2 different angle measures?

- A. square
- B. parallelogram
- C. rhombus
- D. trapezoid

5.G.3 DOK 1

Post Test

18. Lidia has 17 bags of tiny beads. Each bag contains 1,050 beads. How many beads does Lidia have in all?

A. 1,785
B. 17,850
C. 12,850
D. 18,750

5.NBT.5 DOK 1

19. Five-eighths of Mr. Olson's class are boys. One-half of the boys in the class are wearing white shirts. What fraction of the whole class are boys wearing white shirts?

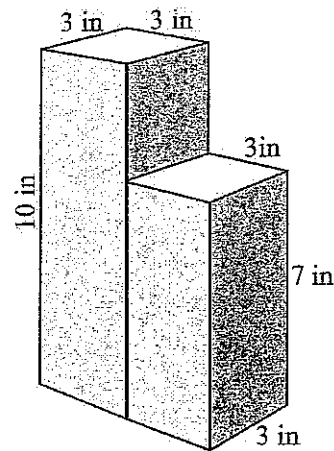
A. $\frac{5}{16}$
B. $\frac{3}{5}$
C. $\frac{5}{4}$
D. $\frac{1}{4}$

5.NF.4 DOK 2

20. Elizabeth divided one 3-yard piece of fabric into $\frac{1}{4}$ -yard pieces. How many pieces of fabric does Elizabeth have now?

5.NF.7 DOK 2

21. How many cubic inches make up the compound figure below?



5.MD.5 DOK 3

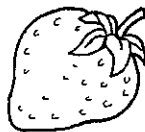
22. The Mixton Cement Factory uses 12 tons of cement every day. How many tons of cement will the factory use in $\frac{1}{8}$ of a day?

5.NF.7 DOK 3

23. How much more is the value of the "2" in 101.217 than in 101.812? Give the factor you would multiply to the value of the 2 in the smaller number to get the larger number.

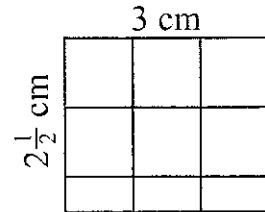
5.NBT.1 DOK 1

24. The Smith family ate $\frac{3}{8}$ of a quart of strawberries after dinner. The next day, Marie and her two friends ate an equal share of the remainder of the strawberries. What fraction of the whole quart of strawberries did each of the three girls eat?



5.NF.7 DOK 3

25. Devin wants to make a pin for his mother to wear. He has a piece of gold foil that measures 2 cm by 3 cm. He wants to glue this foil onto a piece of wood that measures $2\frac{1}{2}$ cm by 3 cm. How many square centimeters larger is the wood than the gold foil?



5.NF.4 DOK 2

26. Fill in the blank: The fraction $\frac{7}{9}$ can be interpreted as $7 \div \underline{\hspace{1cm}}$.

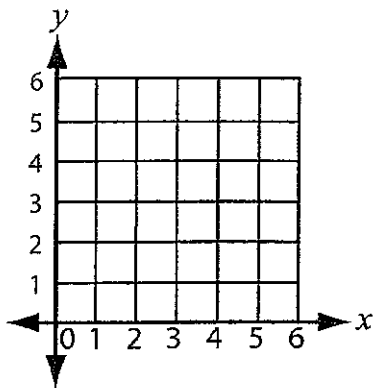
5.NF.3 DOK 1

27. Subtract: $\frac{9}{10} - \frac{3}{4}$

5.NF.1 DOK 1

You may use a calculator on the rest of the test.

28. Use the coordinate grid below to plot the points (1, 1), (5, 1), (1, 5), and (5, 5).



What shape is formed on the grid?

- A. square
- B. trapezoid
- C. hexagon
- D. octagon

5.G.1 DOK 2

29. Two-thirds of the teachers at Mountain Lake Elementary are more than 40 years old. Of the teachers that are over 40 years old, one-quarter eat the hot lunch served by the school. What fraction of all teachers are over 40 years old and eat the hot lunch served by the school?

- A. $\frac{2}{7}$
- B. $\frac{1}{6}$
- C. $\frac{1}{3}$
- D. $\frac{3}{8}$

5.NF.4 DOK 2

30. The 27 students in Ms. Walker's class collected 140 aluminum cans each to earn money for a class trip. Which expression shows how many aluminum cans the students could collect if they gathered the same number of cans n months in a row?

- A. $(27 + 140) \times n$
- B. $(140 \times n) + 27$
- C. $(27 \times n) + 140$
- D. $(27 \times 140) \times n$

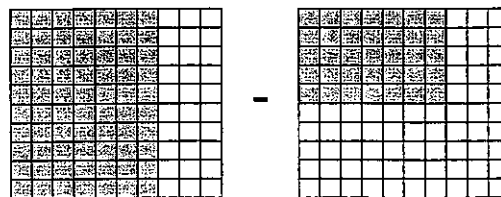
5.OA.2 DOK 2

31. Denise measured the width of her classroom and found it to be $20\frac{1}{2}$ feet. Anthony measured the length of the same classroom and found it to be $26\frac{1}{3}$ feet long. How many square feet is the area of their classroom?

- A. $539\frac{5}{6}$
- B. $529\frac{5}{6}$
- C. $540\frac{5}{6}$
- D. $543\frac{5}{6}$

5.NF.4 DOK 2

32. Solve the problem in the decimal model below. Each square = 0.01.



- A. 0.25
- B. 0.45
- C. 1.05
- D. 0.35

5.NBT.7 DOK 2

33. Mr. Keller put $\frac{1}{4}$ of a bag of potting soil into a planter. To the same planter, he added $\frac{3}{8}$ of a bag of peat moss. Both bags are the same size. What is the fraction of a bag that Mr. Keller put in the planter?

- A. $\frac{5}{8}$
- B. $\frac{3}{4}$
- C. $\frac{5}{12}$
- D. $\frac{7}{8}$

5.NF.1 DOK 2

34. Solve: $5,402 \times 31$

- A. 168,462
- B. 168,562
- C. 167,462
- D. 167,562

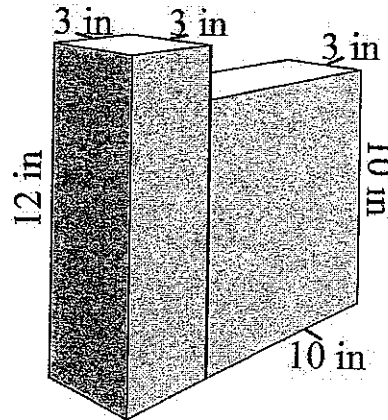
5.NBT.5 DOK 1

35. Mrs. Landis weighed a lemon on a digital scale. The scale showed 0.207 lb. What is the weight of the lemon in expanded form?

- A. $2 \times \frac{1}{100} + 7 \times \frac{1}{1,000}$
- B. $2 \times \frac{1}{10} + 7 \times \frac{1}{100}$
- C. $2 \times \frac{1}{10} + 7 \times \frac{1}{1,000}$
- D. $2 \times \frac{1}{1,000} + 7 \times \frac{1}{10,000}$

5.NBT.3 DOK 1

36. Find the volume of the compound figure below.



- A. 388 cubic inches
- B. 408 cubic inches
- C. 360 cubic inches
- D. 418 cubic inches

5.MD.5 DOK 3

37. Which fraction represents dividing 2 sheets of stickers among 7 children?

- A. $\frac{2}{7}$
- B. $\frac{2}{2}$
- C. $\frac{7}{2}$
- D. $\frac{7}{7}$

5.NF.3 DOK 1

38. Charles is working on his homework about patterns. The first pattern starts with 0, and the rule for the pattern is "add 4." The second pattern starts with 0, and the rule for the pattern is "add 3." The values of each pattern are plotted as ordered pairs. Which ordered pair is formed by these patterns?

- A. (8, 5) C. (16, 15)
 B. (12, 9) D. (9, 12)

5.OA.3 DOK 3

39. There are two pieces of tag board sitting on a desk. The first piece of tag board is 2 feet wide and $\frac{7}{8}$ of a foot tall. The second piece of tag board is 2 feet wide and $\frac{8}{7}$ feet tall. Find the area of the two pieces of tag board. Compare the two areas.

- A. Area of 1st piece = $1\frac{1}{4}$ square feet
 Area of 2nd piece = $2\frac{2}{7}$ square feet

$$1\frac{1}{4} < 2\frac{2}{7}$$

- B. Area of 1st piece = $1\frac{3}{4}$ square feet
 Area of 2nd piece = $2\frac{1}{7}$ square feet

$$1\frac{3}{4} < 2\frac{1}{7}$$

- C. Area of 1st piece = $1\frac{3}{4}$ square feet
 Area of 2nd piece = $2\frac{2}{7}$ square feet

$$1\frac{3}{4} < 2\frac{2}{7}$$

- D. Area of 1st piece = $1\frac{1}{4}$ square feet
 Area of 2nd piece = $2\frac{1}{4}$ square feet

$$1\frac{1}{4} < 2\frac{1}{4}$$

5.NF.4 DOK 3

40. As you progress from the hundreds place to the hundred-thousands place in a number, by what factor do the digits increase?

- A. 1
 B. 10
 C. 100
 D. 1,000

5.NBT.1 DOK 1

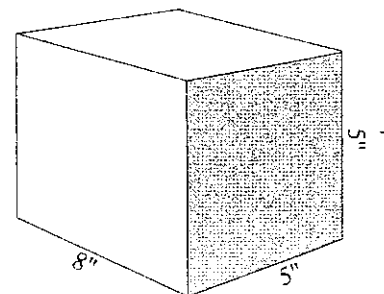
41. Solve: $6\frac{1}{4} + 2\frac{5}{6}$

- A. $9\frac{1}{12}$
 B. $9\frac{5}{12}$
 C. $8\frac{5}{12}$
 D. $8\frac{1}{12}$

5.NF.1 DOK 2

42. Andrew put one inch cubes into a box like the figure below. How many one inch cubes would fill this box?

- A. 320
 B. 240
 C. 200
 D. 250



5.MD.5 DOK 2

43. A square is a quadrilateral with four right angles. All squares are rectangles. Therefore, a rectangle is a _____.
- A. square
 - B. quadrilateral
 - C. rhombus
 - D. right angle

5.G.3 DOK 1

44. Mrs. Pratt found two cereal boxes in her pantry the exact same size. One box is one-fifth full of oat flakes and the other is two-thirds full of oat crunchies. She decides to combine the two into one box. Is there room in one of the boxes to fit both partial boxes?

- A. No, the cereals combined = $1\frac{1}{8}$ boxes.
- B. No, the cereals combined = $1\frac{1}{15}$ boxes.
- C. Yes, the cereals combined = $\frac{11}{15}$ boxes.
- D. Yes, the cereals combined = $\frac{13}{15}$ boxes.

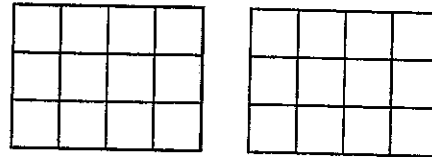
5.NF.1 DOK 2

45. Solve: 850×100

- A. 850,000
- B. 85,000
- C. 8,500,000
- D. 8,500

5.NBT.1 DOK 2

46. Jonathan cut each of two pans of casserole into 12 equal parts, as shown in the models below. Jonathan takes one piece from both pans. What fraction of all the casserole did Jonathan take?

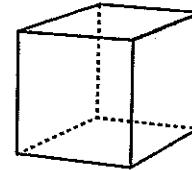


- A. $\frac{1}{12}$
- B. $\frac{10}{12}$
- C. $\frac{2}{12}$
- D. $\frac{2}{6}$

5.NF.3 DOK 2

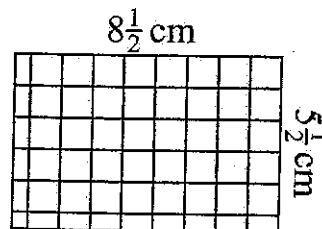
47. A cube with a side length of 1 unit is called a "unit cube." This unit cube can be used to measure _____.

- A. height
- B. length
- C. width
- D. volume



5.MD.4 DOK 1

48. Sophia has a piece of blue paper that measures as shown in the model below. Find the area of this model.



- A. $44\frac{3}{4}$ square cm
- B. $46\frac{3}{4}$ square cm
- C. $46\frac{1}{4}$ square cm
- D. $42\frac{1}{4}$ square cm

5.NF.4 DOK 2

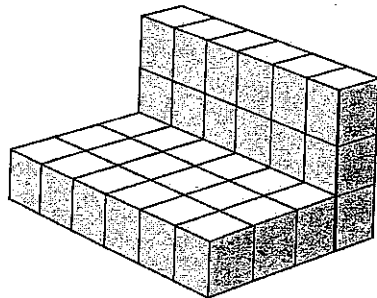
Post Test

49. Samantha has a quilt on her bed that measures 40 inches wide and 80 inches long. She also has a blanket that measures 60 inches wide and 80 inches long. How do the sizes of the quilt and blanket compare?

- A. The quilt is two-thirds the size of the blanket because 40 inches is two-thirds of 60 inches.
- B. The quilt and the blanket are equal in size because the length is 80 inches for both.
- C. The quilt is two-thirds larger than the blanket because 40 inches is two-thirds of 60 inches.
- D. The quilt is one-half the size of the blanket because 40 inches is one half of 80 inches.

5.NF.4 DOK 3

50. Each cube making up the volume of the compound figure below is equal to 3 cubic centimeters. What is the volume of the figure?



- A. 36 cubic centimeters
- B. 108 cubic centimeters
- C. 324 cubic centimeters
- D. 332 cubic centimeters

5.MD.4 DOK 3

51. Christopher was studying a single snowflake, similar to the one in the drawing below. After about 10 seconds, one-sixth of the snowflake melted. After an additional 45 seconds, half of the remaining snowflake melted. What fraction of the snowflake remains unmelted?



- A. $\frac{1}{2}$
- B. $\frac{7}{12}$
- C. $\frac{5}{12}$
- D. $\frac{1}{3}$

5.NF.7 DOK 3

52. Divide: $683 \div 21$

- A. $32\frac{10}{21}$
- B. 32.11
- C. 33
- D. 32 r11

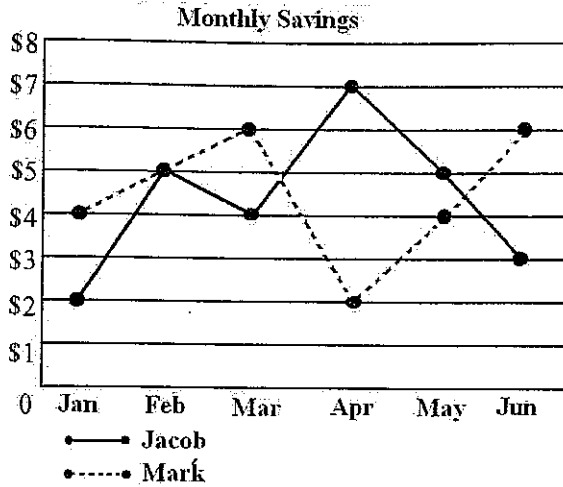
5.NBT.6 DOK 1

53. There are 3 bags of balloons to be shared equally among the students in Mr. Ballard's class. Each student will receive one-eighth of a bag. Which number sentence below will find how many students there are in the class?

- A. $3 + \frac{1}{8}$
- B. $3 \times \frac{1}{8}$
- C. $3 - \frac{1}{8}$
- D. $3 \div \frac{1}{8}$

5.NF.7 DOK 1

54. The double line graph below shows the savings of Jacob and Mark.



What is the difference in savings between the two boys for the month of April?

- A. \$3
- B. \$4
- C. \$5
- D. \$6

5.MD.2 DOK 2



This is the end of the 5th Grade test.

Directions:

1. Look back over your answers for the calculator active questions.
2. Put all your papers inside your book and close your book.
3. Place your calculator on top of your book.
4. Stay quietly in your seat until your teacher tells you that testing is finished.

Post Test

The use of a calculator is NOT allowed on questions 1–27. Answer all questions completely.

1. Which number sentence below shows the improper fraction $\frac{23}{10}$ decomposed?

A $\frac{10}{10} + \frac{3}{10}$

B $\frac{20}{10} + \frac{3}{10}$

C $\frac{10}{10} + \frac{10}{10} + \frac{3}{10}$

D $\frac{10}{10} + \frac{10}{10} + \frac{13}{10}$

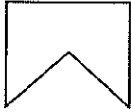
4.NF.3 DOK 2

2. A symmetrical figure can have a line drawn through the center so both sides are mirror images of each other. Which figure below is symmetrical?

A



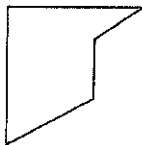
B



C



D



4.G.3 DOK 1

3. Abby cut 70 apple slices. She wants to put the apple slices into snack-packs of 3 slices in each pack. How many packs will Abby have?

A Abby will have 23 full packs and 1 apple slice left over.

B Abby will have 23 full packs and 2 apple slices left over.

C Abby will have 22 full packs and 1 apple slice left over.

D Abby will have 22 full packs and 2 apple slices left over.

4.OA.3 DOK 2

4. Look at the conversion table for centimeters and meters below. Find how many meters equal 400 centimeters.

Centimeters	100	200	300	400
Meters	1	2	3	?

A 400

B 40

C 14

D 4

4.MD.1 DOK 2

5. What is 101,101 in expanded form?

A 100,000 + 10,000 + 1,000 + 10

B 100,000 + 1,000 + 100 + 1

C 100,000 + 10,000 + 1,000 + 1

D 100,000 + 1,000 + 100 + 10

4.NBT.7 DOK 1

6. Which of the following best describes a rectangle in terms of its sides and angles?

- A A rectangle has 4 acute angles and 2 pairs of parallel sides.
- B A rectangle has 4 right angles and one pair of parallel sides.
- C A rectangle has 4 right angles and two pairs of parallel sides.
- D A rectangle has 4 different angles and two pairs of parallel sides.

4.G.2 DOK 3

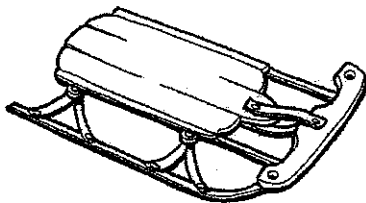
7. Sarah's mass is 82 kg. How many grams is that?

- A 82
- B 8,200
- C 82,000
- D 820,000

4.MD.2 DOK 1

8. Four brothers and sisters are sharing a sled. They each used the sled $\frac{1}{3}$ of an hour before going back inside the house. How many hours did the four children use the sled all together?

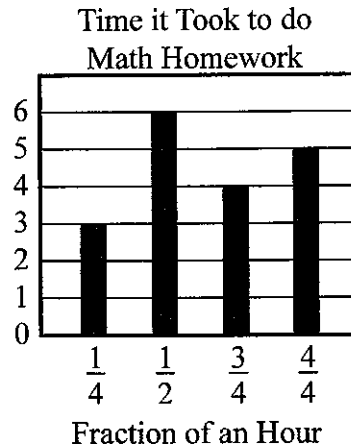
- A $1\frac{1}{2}$
- B $1\frac{1}{4}$
- C $1\frac{1}{6}$
- D $1\frac{1}{3}$



4.NE.4 DOK 3

9. The bar graph below shows how long it took a class of 4th graders to do their math homework. How many more students took $\frac{1}{2}$ hour to do their

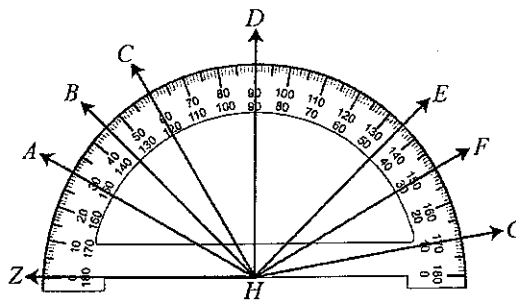
homework than took $\frac{3}{4}$ of an hour?



- A 2
- B 3
- C 4
- D 10

4.MD.4 DOK 2

10. What is the measure of $\angle CHE$ below?



- A 85°
- B 75°
- C 65°
- D 70°

4.MD.6 DOK 3

Post Test

11. Which letter has a vertical line of symmetry?

A B C A

B S D C

4.G.3 DOK 2

12. Change $\frac{42}{100}$ into a decimal.

A 0.42

B 0.21

C 4.20

D 2.10

4.NF.6 DOK 2

13. Which sentence about the number 3,333 is true?

A The 3 in the hundreds place is ten times more than the 3 in the thousands place.

B The 3 in the thousands place is ten times more than the 3 in the ones place.

C The 3 in the thousands place is ten times less than the 3 in the hundreds place.

D The 3 in the thousands place is ten times more than the 3 in the hundreds place.

4.NBT.1 DOK 2

14. A kitten named Scamper weighed $9\frac{3}{10}$ grams last month. This month, Scamper weighs $10\frac{1}{10}$ grams. How many ounces did Scamper gain in the last month?

A $\frac{2}{10}$

B $1\frac{2}{10}$

C $\frac{8}{10}$

D $1\frac{4}{10}$



4.NF.3 DOK 2

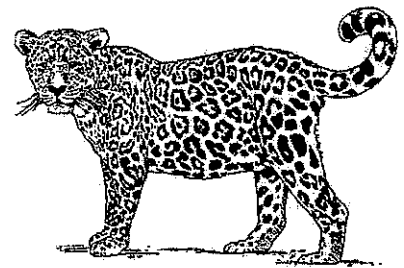
15. The rectangular leopard cage at the zoo is being expanded to 570 square meters. The width of the expanded cage is 15 meters. What is the length of the expanded cage?

A 32 meters

B 35 meters

C 38 meters

D 42 meters



4.MD.3 DOK 2

16. Mary is 11 years old. Her grandmother is 5 times older. How old is her grandmother?

A 55

C 50

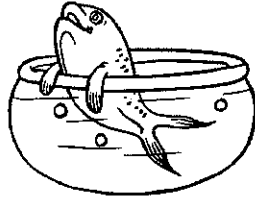
B 16

D 56

4.OA.1 DOK 1

17. A bowl with one goldfish costs \$11.95 at one pet store. At another pet store, one goldfish in a bowl costs \$11.79. Which inequality below correctly shows the two prices?

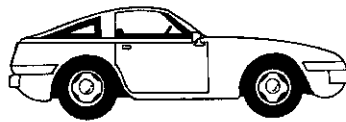
- A $\$11.95 < \11.79
- B $\$11.79 > \11.95
- C $\$11.95 > \11.79
- D $\$11.79 = \11.95



4.NF.7 DOK 1

18. Kirk has 27 toy cars. He gives his little brother 4 of the toy cars. Kirk receives 7 more toy cars for his birthday. How many toy cars does Kirk have now?

- A 38
- B 16
- C 29
- D 30



4.OA.3 DOK 2

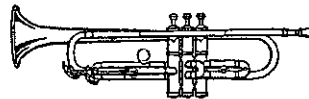
19. Which of the following fractions is equal to $\frac{7}{10}$?

- A $\frac{7}{100}$
- B $\frac{70}{100}$
- C $\frac{\bar{u}}{\bar{u}}$
- D $\frac{70}{10}$

4.NF.6 DOK 1

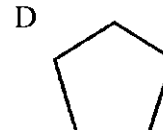
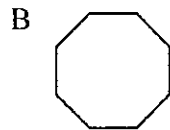
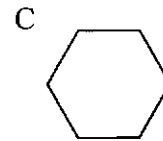
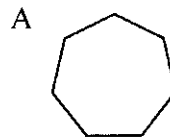
20. Luke practiced his trumpet for $\frac{7}{10}$ of an hour, six days this week. Alan practiced his drum for $\frac{9}{10}$ of an hour, also six days this week. Which comparison sentence below represents the amount of time the two boys practiced their music this week?

- A $6 \times \frac{7}{10} > 6 \times \frac{9}{10}$
- B $6 \times \frac{7}{10} < 6 \times \frac{9}{10}$
- C $6 + \frac{7}{10} < 6 + \frac{9}{10}$
- D $6 \times \frac{9}{10} < 6 \times \frac{7}{10}$



4.NF.2 DOK 3

21. Which figure below has six obtuse angles?



4.G.1 DOK 2

Post Test

22. A biologist estimated that last year there were 932 deer in four state parks. If the deer were equally distributed among the four parks, how many deer would be in each park?

A 233 C 232
B 322 D 208

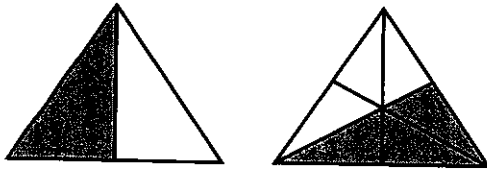
4.NBT.6 DOK 2

23. A pound of chicken costs c . A pound of salmon costs 3 times as much as a pound of chicken. How much does 6 pounds of salmon cost?

A $(3 + c) \times 6$
B 18
C $(3c) \times 6$
D $(3c) + 6$

4.OA.3 DOK 1

24. Look at the shaded fraction models below. Which pair of fractions is represented by the shaded fraction models?



A $\frac{1}{2} = \frac{1}{6}$
B $\frac{1}{2} = \frac{6}{6}$
C $\frac{1}{2} = \frac{2}{6}$
D $\frac{1}{2} = \frac{3}{6}$

4.NF.1 DOK 2

25. What are all the factors of 18?

A 2, 3, 6, 18
B 1, 2, 3, 6, 9, 18
C 1, 2, 3, 18
D 2, 3, 6, 9

4.OA.4 DOK 2

26. Peter went skiing for one and a half hours on Monday, one and a quarter hours on Tuesday, and three quarters of an hour on Wednesday. How many minutes did he go skiing for the three days?

A 270
B 310
C 210
D 240



4.MD.8 DOK 3

27. The bug shown below has 6 dots on its back. If there were 187 of these bugs in a park, how many dots would there be in all?

A 1,146
B 1,100
C 1,126
D 1,122

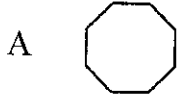


4.NBT.5 DOK 2

Post Test

Choose the best answer for each question. Calculators are NOT allowed on this part of the test. You will need a ruler for this test.

1. Which shape below is a quadrilateral?



3.G.1 DOK 1

2. Madison is at a birthday party for her friend, Sharla. Right now, it is the time shown on the clock below. The party ends at 3:00. How much longer is the party?



- A 2 hours and 25 minutes
B 1 hour and 35 minutes
C 1 hour and 25 minutes
D 25 minutes

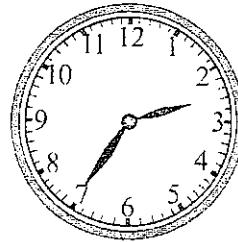
3.MD.1 DOK 2

3. Multiplying an odd number by an even number results in what type of answer?

- A always odd
B always even
C sometimes odd
D sometimes even

3.OA.9 DOK 1

4. What time is on this clock?



- A 7:12
B 2:07
C 7:35
D 2:35

3.MD.1 DOK 1

5. Jake has 66 rocks. He divides the rocks into 11 equal groups. How many rocks will be in each group?

$$66 \div 6 = \underline{\hspace{2cm}}$$

- A 6
- B 7
- C 5
- D 11

3.OA.3 DOK 2

6. Each square in the rectangle below measures 1 foot on each side. How many square feet are in the rectangle?



- A 24 square feet
- B 21 square feet
- C 18 square feet
- D 28 square feet

3.MD.5 DOK 2

7. Which letter on the number line below shows the number $1\frac{1}{2}$?



- A K
- B L
- C M
- D S

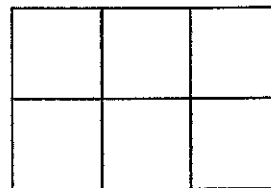
3.NF.2 DOK 2

8. Which number sentence correctly shows a number multiplied by 4 equals 36?

- A $8 \times 4 = 36$
- B $7 \times 4 = 36$
- C $6 \times 4 = 36$
- D $9 \times 4 = 36$

3.OA.7 DOK 2

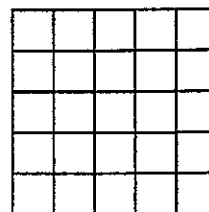
9. The figure below is divided into equal spaces. What fraction of the whole figure is each space?



- A $\frac{5}{8}$
- B $1\frac{1}{4}$
- C $\frac{1}{4}$
- D $\frac{1}{8}$

3.NF.1 DOK 1

10. Which multiplication sentence shows the area that is modeled by the rectangle below?



- A $4 \times 5 = 20$
- B $5 \times 5 = 25$
- C $4 \times 4 = 16$
- D $4 \times 6 = 24$

3.MD.7 DOK 3

11. There are 8 eggs in a bird's nest. Which of the following shows the whole number 8 written as a fraction?

- A $\frac{8}{8}$ C $\frac{8}{1}$
 B $\frac{1}{8}$ D $\frac{1}{1}$



3.NF.3 DOK 1

12. Which fraction sentence is correct?

- A $\frac{3}{6} > \frac{4}{6}$
 B $\frac{5}{6} > \frac{6}{6}$
 C $\frac{2}{6} < \frac{1}{6}$
 D $\frac{3}{6} < \frac{5}{6}$

3.NF.4 DOK 2

13. The rectangular area of the playground at a school measures 20 feet by 30 feet. The school decides to increase the shorter sides by 15 feet. What is the perimeter of the new, larger playground?

- A 130 feet C 140 feet
 B 125 feet D 65 feet

3.MD.8 DOK 3

14. $80 \div 10 = n$

- A $n = 10$
 B $n = 8$
 C $n = 9$
 D $n = 7$

3.OA.3 DOK 1

15. The fish department at the grocery store sold 487 pounds of snapper and 196 pounds of salmon on Friday. How many pounds of snapper and salmon did they sell in all on Friday?

- A 583
 B 713
 C 683
 D 593



3.NBT.2 DOK 2

16. A bakery puts 10 cupcakes in each box. They have 6 boxes left to sell today. How many cupcakes do they have left to sell?

- A 60
 B 84
 C 72
 D 96



3.NBT.3 DOK 2

17. Which numbers will fit in the blank spaces to make this sentence true?

$$72 \div \underline{\quad} = \underline{\quad}$$

- A 8 and 9
- B 8 and 8
- C 8 and 7
- D 8 and 6

3.OA.6 DOK 2

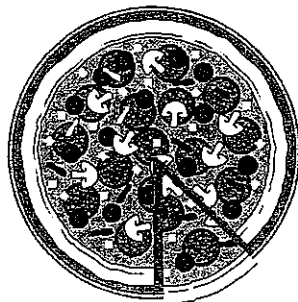
18. $54 \div 9 = 6$ is one sentence in the fact family (54, 9, 6). Which of the sentences below is not part of this same fact family?

- A $6 \times 9 = 54$
- B $54 \div 6 = 9$
- C $9 \times 6 = 54$
- D $9 \times 9 = 81$

3.OA.6 DOK 3

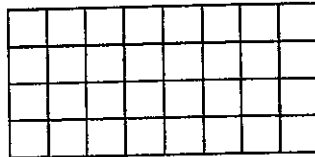
19. There are 8 people sharing one pizza. If each person gets an equal share, what fraction of the pizza does each person get?

- A $\frac{1}{6}$
- B $\frac{1}{8}$
- C $\frac{1}{3}$
- D $\frac{1}{4}$



3.NF.1 DOK 2

20. The rectangle below is divided into square units. What is the area of the rectangle?



- A 36 square units
- B 12 square units
- C 32 square units
- D 28 square units

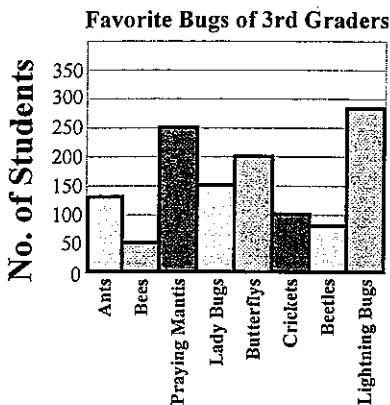
3.MD.5 DOK 1

21. Based on what you know about multiplication, which choice BEST shows the answer to 2×337 ?

- A 677
- B 674
- C 655
- D 651

3.OA.9 DOK 2

22. Look at the bar graph below. How many more students liked praying mantises than liked lady bugs?



- A 150
B 200
C 100
D 250

3.MD.3 DOK 2

23. Which shape has 4 equal sides and angles?

- A triangle
B hexagon
C octagon
D square

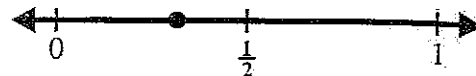
3.G.1 DOK 2

24. Kim has 24 clay bowls to make. She has completed 7. How many more clay bowls, c , does Kim have left to make? Find the number sentence that will help to solve this problem.

- A $24 - 7 = c$
B $24 + 7 = c$
C $24 \div 7 = c$
D $24 \times 7 = c$

3.OA.8 DOK 2

25. Find the fraction represented by the point on the number line below. Which group of figures shows the same fraction of the happy faces as the point on the number line?



- A
- B
- C
- D

3.NF.2 DOK 3

26. Suppose a cabbage has a weight of 8 ounces. What would be the weight of 10 of the same size cabbages?

- A 80 ounces
B 84 ounces
C 92 ounces
D 96 ounces

3.NBT.3 DOK 2

27. Emma has 42 seashells. She wants to group them into 6 piles, one pile for each of her aunts. How many seashells will each aunt get?

- A 6
B 9
C 7
D 8

3.OA.2 DOK 2