Name _____ Date _____

Practice Test A

DIRECTIONS: Read each question and choose the best answer. Use the answer sheet provided at the end of the workbook to record your answers. If the correct answer is not available, mark the letter for "Not Here."

1. Seth runs 8 times as many blocks as George. Seth runs 120 blocks, and George runs b blocks. Which equation represents this situation?

A $120 = 8 + b$

B $120 = 8 \times b$

C $120 \times 8 = b$

D $120 = 8 - b$

2. The number below is in standard form.

128,803

Which is the number in expanded form?

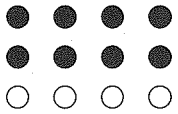
F 100,000 + 20,000 + 8,000 + 3

G 10,000 + 2,000 + 800 + 80 + 3

H 100,000 + 20,000 + 8,000 + 80 + 3

J 100,000 + 20,000 + 8,000 + 800 + 3

3. The model is $\frac{2}{3}$ shaded.



Which two fractions also represent the shaded part of the model?

A $\frac{2}{4}$ and $\frac{6}{12}$

B $\frac{4}{6}$ and $\frac{8}{12}$

C $\frac{2}{6}$ and $\frac{4}{12}$

D $\frac{4}{8}$ and $\frac{4}{12}$

4. A container can hold 3 liters (L) of liquid. What is the volume of the container in milliliters (mL)?

F 0.3 mL

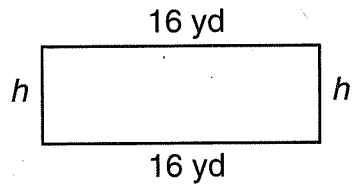
G 30 mL

H 300 mL

J 3,000 mL

Name _____ Date _____

5. The perimeter of this rectangle is 36 yards. What is the height h of the rectangle?



A $h = 4$ yards

B $h = 3\frac{1}{2}$ yards

C $h = 2$ yards

D $h = 1\frac{1}{2}$ yards

6. Find the difference.

$$\begin{array}{r} 29{,}630 \\ -\ 5{,}834 \\ \hline \end{array}$$

F 23,704

G 23,794

H 23,796

J 24,796

7. Find the difference.

$\frac{5}{6} - \frac{3}{6} = \frac{\square}{\square}$

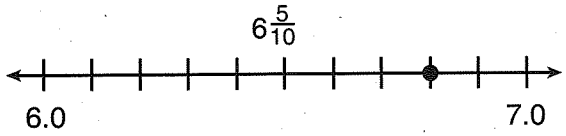
A $\frac{2}{6}$

B $\frac{8}{6}$

C $\frac{15}{6}$

D Not Here

8. The point on the number line represents the length of a stapler in inches.



What decimal correctly names the point?

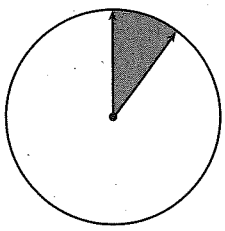
F 6.2

G 6.8

H 7.2

J 7.8

9. Look at the circle below.



What fraction of the circle does the shaded angle represent?

A $\frac{1}{3}$

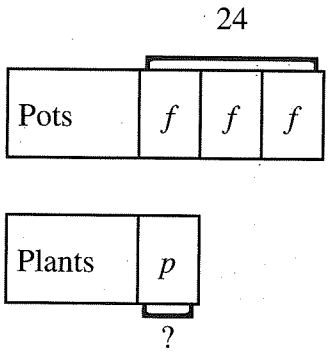
B $\frac{1}{5}$

C $\frac{1}{6}$

D $\frac{1}{10}$

Name _____ Date _____

10. Kristen has 24 decorative flowerpots, f. This is 3 times the number of plants she has to put in them. Look at the model below. How many plants p does Kristen have?



F 8

G 6

H 4

J 3

11. Sonny writes two numbers. The first number is 307,629. In the second number, the digit 7 has 10 times the value it has in the first number.

307,629
second number

What is the value of the digit 7 in the second number?

A 70

B 700

C 70,000

D 700,000

12. What is $\frac{12}{5}$ written as the product of a unit fraction and a whole number?

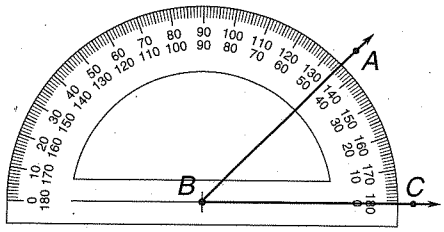
F $5 \times \frac{1}{12}$

G $\frac{1}{5} \times \frac{1}{12}$

H $\frac{1}{5} \times 12$

J $12 \times \frac{5}{1}$

13. What is the measure of angle ABC?



A 40°

B 45°

C 135°

D 140°

14. Which number is a multiple of 8?

F 2

G 4

H 24

J 46

Name _____ Date _____

15. Freda sells handmade soap at a craft fair. She has 84 bars of one type of soap. She displays 3 rows of 4 bars of the soap and places the rest in a box. Which equation can you use to find b, the number of bars of soap in the box?

A $(84 - 12) \times 4 = b$

B $(84 + 4) + 12 = b$

C $84 - (3 + 4) = b$

D $84 - (3 \times 4) = b$

---

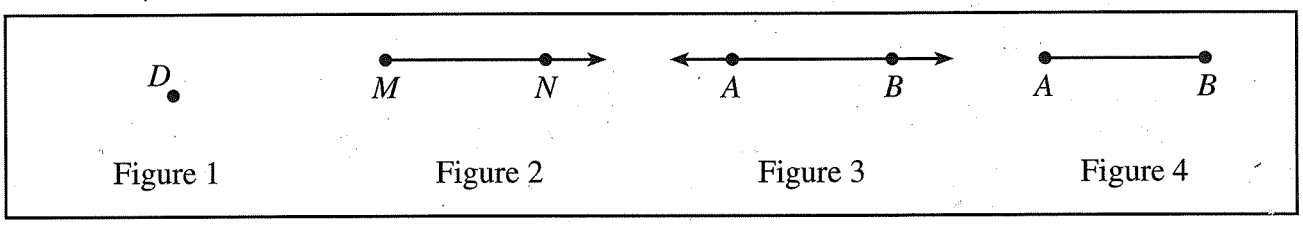
16. Find the product.

$163 \times 4 = \square$

F 442 **G** 452 **H** 642 **J** 652

---

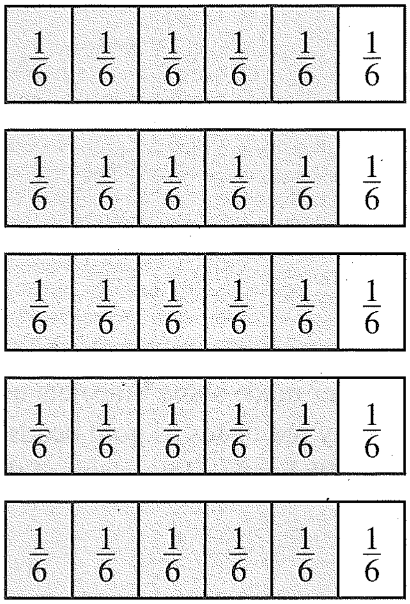
17. Which figure below is a point?



A Figure 1 **B** Figure 2 **C** Figure 3 **D** Figure 4

Name ______________________________ Date ______________

18. Use the model to find the product of $5 \times \frac{5}{6}$.



F $\frac{5}{6}$ **G** $\frac{10}{6}$ **H** $\frac{25}{6}$ **J** $\frac{36}{6}$

---

19. Which comparison statement is true?

A $\frac{2}{3} < \frac{5}{8}$ **B** $\frac{3}{4} < \frac{18}{24}$ **C** $\frac{3}{8} > \frac{2}{4}$ **D** $\frac{5}{6} > \frac{6}{9}$

---

20. Look at the pattern of shapes below.

▲□□▲□▲□□▲□▲□□▲□▲□

If the pattern continues, which are the next four figures in the pattern?

F □□□▲ **G** ▲□□▲ **H** □▲▲□ **J** □▲□▲

Name _____ Date _____

21. Tim uses a model to find the product of 47×85.

×	80	5
40	?	?
7	?	?

Which are the partial products he will add?

A $560 + 320 + 35 + 20$

B $560 + 400 + 200 + 35$

C $3{,}200 + 200 + 560 + 35$

D $3{,}200 + 350 + 300 + 280$

22. Which comparison is true?

F $0.3 < 0.18$

G $0.32 > 0.51$

H $0.4 > 0.24$

J $0.41 < 0.39$

23. Chandra multiplies to find an equivalent fraction.

$$\frac{7}{8} = \frac{7 \times 3}{8 \times 3} = \frac{\square}{\square}$$

What equivalent fraction did she find?

A $\frac{7}{24}$

B $\frac{14}{24}$

C $\frac{21}{24}$

D $\frac{28}{24}$

24. Roger bought a block of cheese that weighs $2\frac{1}{2}$ pounds. What is the weight of the cheese in ounces?

F 20 ounces

G 32 ounces

H 40 ounces

J 48 ounces

25. A jewelry maker made some bracelets using 7 times as many red beads as gold beads. He used a total of 96 beads. How many of them were gold?

A 12

B 14

C 16

D 18

26. Darnel correctly rounded 218,723 to the nearest hundred. Which is his rounded number?

F 219,000

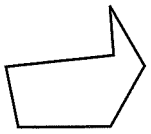
G 218,800

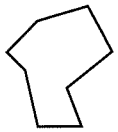
H 218,000

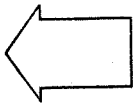
J 218,700

Name _____ Date _____

27. Which figure has line symmetry?

A 

B 

C 

D 

28. Find the equivalent fraction.

$$\frac{6}{10} = \frac{\square}{\square}$$

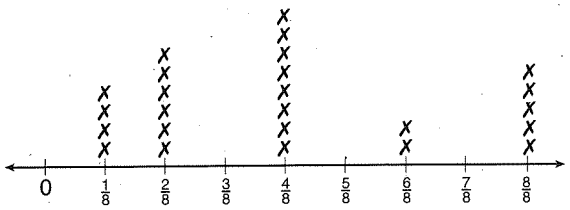
F $\frac{06}{100}$

G $\frac{16}{100}$

H $\frac{60}{100}$

J $\frac{600}{100}$

29. Sid and John collected some small shells on the beach. They measured the length of each shell to the nearest eighth of an inch. Then they displayed the data on a line plot.



How many shells were at least $\frac{1}{2}$ inch in length?

A 5

B 7

C 15

D 25

30. The school choir has 20 sopranos, 12 altos, 10 tenors, and 18 baritones. They stand in 7 rows. Rows 1 through 6 each have the same number of singers. How many singers are in row 7?

F 9

G 8

H 7

J 6

Name _____ Date _____

31. Find the product.

$69 \times 41 = \square$

A 110

B 345

C 2,728

D 2,829

32. Julia has a collection of 40 snow globes. She wants to arrange them in equal rows of at least 5 but not more than 10 snow globes per row. How many rows of snow globes can she make?

F 2, 4, or 5 rows

G 4, 5, or 8 rows

H 5, 8, or 10 rows

J 4, 5, 8, or 10 rows

33. Which expression is NOT equivalent to $2\frac{3}{4}$?

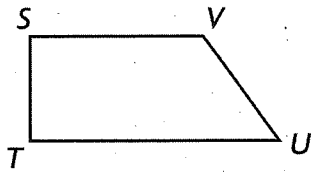
A $\frac{8}{4} + \frac{3}{4}$

B $\frac{4}{4} + \frac{4}{4} + \frac{3}{4}$

C $\frac{4}{4} + \frac{3}{4} + \frac{3}{4}$

D $\frac{4}{4} + \frac{2}{4} + \frac{2}{4} + \frac{2}{4} + \frac{1}{4}$

34. Which two sides of the figure appear parallel?



F side *ST* and side *VU*

G side *TU* and side *SV*

H side *ST* and side *TU*

J side *TU* and side *UV*

35. Find the sum.

$\frac{6}{10} + \frac{5}{100} = \frac{\square}{\square}$

A $\frac{11}{10}$

B $\frac{65}{10}$

C $\frac{11}{100}$

D $\frac{65}{100}$

36. Sanjay paid \$12.00 each for some vintage baseball cards at one store and \$8.00 each at another store. He spent the same amount of money at each store. What is the least amount of money he could have spent altogether?

F \$16.00

G \$24.00

H \$36.00

J \$48.00

Name _____ Date _____

37. Carmen used the Distributive Property to divide 57 by 3.

$57 \div 3 = (30 \div 3) + (27 \div 3)$

What is the quotient?

A 15

B 15 R1

C 15 R2

D Not Here

38. Lila does volunteer work for $3\frac{1}{2}$ hours 3 times a week. Use the equation below to find h, the number of hours she volunteers each week.

$3 \times 3\frac{1}{2} = h$

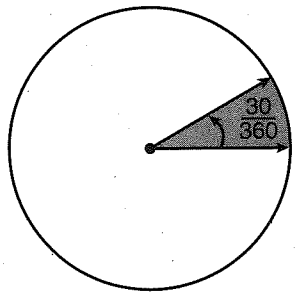
F $h = 9$ hours

G $h = 9\frac{1}{2}$ hours

H $h = 10$ hours

J $h = 10\frac{1}{2}$ hours

39. What is the measure of the shaded angle?



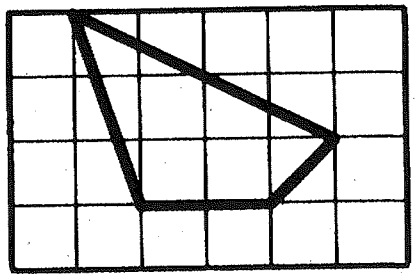
A 10°

B 30°

C 80°

D 330°

40. Based on the figure's sides and angles, which is the best way to classify this figure?



F rhombus

G rectangle

H trapezoid

J quadrilateral

41. Find the quotient.

$4\overline{)3{,}704}$

A 92 R2

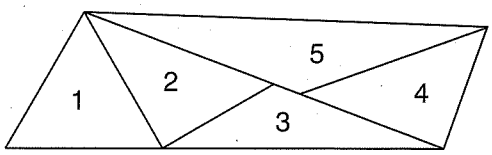
B 906

C 923 R2

D 926

Name _____ Date _____

42. Which of the triangles in this design appear to be acute triangles?



F Triangle 1

G Triangle 3

H Triangles 2 and 4

J Triangles 1, 3, and 5

43. Find the sum.

$2\frac{2}{5} + 3\frac{4}{5} = \square$

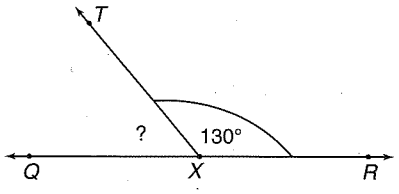
A $1\frac{2}{5}$

B $5\frac{1}{5}$

C $5\frac{2}{5}$

D $6\frac{1}{5}$

44. Angle *QXR* is a straight angle. What is the measure of angle *QXT*?



F 30°

G 50°

H 180°

J 230°

45. The rule for the pattern below is "Add 30, subtract 5."

100, 130, 125, 155, 150, 180, ___, ___

If the pattern continues, what are the next two numbers in the sequence?

A 175, 205

B 175, 180

C 185, 155

D 210, 215

46. Find the sum.

$$\begin{array}{r} 2{,}534 \\ +\ 478 \\ \hline \end{array}$$

F 2,902

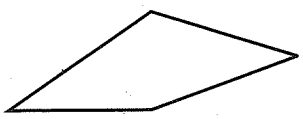
G 2,912

H 3,002

J 3,012

Name _____ Date _____

47. Look at the figure below.



The figure has how many right angles?

A 0 **B** 1 **C** 2 **D** 3

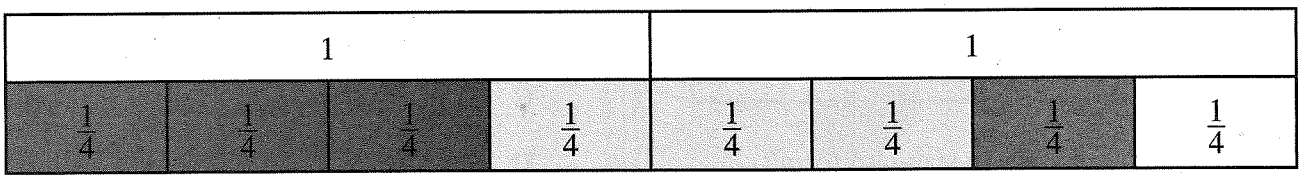
---

48. Which number is a composite number?

F 43 **G** 59 **H** 63 **J** 79

---

49. Marta uses $\frac{3}{4}$ pound of strawberries, $\frac{3}{4}$ pound of raspberries, and $\frac{1}{4}$ pound of blackberries to make mixed berry jam.



How many pounds of berries does Marta use?

A $1\frac{3}{4}$ pounds **B** $1\frac{1}{2}$ pounds **C** $\frac{6}{4}$ pounds **D** $\frac{5}{4}$ pounds

---

50. A group of 30 tourists takes minibuses to a museum. Each minibus holds 8 passengers. The bus drivers fill as many minibuses as possible. How many passengers are in the last minibus?

F 3 **G** 4 **H** 6 **J** 7

68. H [4.MD.1]

Geometry

Modeled Instruction

1. D [4.G.1]
2. G [4.G.1]
3. B [4.G.1]
4. F [4.G.1]
5. C [4.G.1]
6. H [4.G.1]
7. B [4.G.1]
8. J [4.G.1]
9. C [4.G.1]
10. J [4.G.2]
11. C [4.G.2]
12. H [4.G.2]
13. B [4.G.3]
14. H [4.G.3]
15. C [4.G.3]
16. F [4.G.3]

Geometry

Independent Practice

17. A [4.G.1]
18. G [4.G.1]
19. C [4.G.3]
20. F [4.G.1]
21. B [4.G.2]
22. H [4.G.3]
23. C [4.G.2]
24. J [4.G.2]
25. B [4.G.1]
26. H [4.G.2]
27. A [4.G.2]
28. F [4.G.3]
29. B [4.G.2]
30. F [4.G.3]
31. B [4.G.2]
32. H [4.G.2]
33. D [4.G.2]
34. G [4.G.2]
35. A [4.G.3]
36. G [4.G.2]
37. D [4.G.3]
38. G [4.G.1]
39. B [4.G.2]
40. F [4.G.2]
41. B [4.G.1]
42. H [4.G.3]
43. C [4.G.3]
44. H [4.G.1]
45. C [4.G.2]
46. G [4.G.1]
47. D [4.G.2]
48. F [4.G.1]
49. B [4.G.3]
50. G [4.G.2]
51. B [4.G.3]
52. H [4.G.1]

Practice Test A

1. B [4.OA.1]
2. J [4.NBT.2]
3. B [4.NF.1]
4. J [4.MD.1]
5. C [4.MD.3]
6. H [4.NBT.4]
7. A [4.NF.3.a]
8. G [4.NF.6]
9. D [4.MD.5.a]
10. F [4.OA.2]
11. C [4.NBT.1]
12. H [4.NF.4.a]
13. B [4.MD.6]
14. H [4.OA.4]
15. D [4.OA.3]
16. J [4.NBT.5]
17. A [4.G.1]
18. H [4.NF.4.b]
19. D [4.NF.2]
20. J [4.OA.5]
21. C [4.NBT.5]
22. H [4.NF.7]
23. C [4.NF.1]
24. H [4.MD.2]
25. A [4.OA.2]
26. J [4.NBT.3]
27. C [4.G.3]
28. H [4.NF.5]
29. C [4.MD.4]
30. J [4.OA.3]
31. D [4.NBT.5]
32. G [4.OA.4]
33. C [4.NF.3.b]
34. G [4.G.1]
35. D [4.NF.5]
36. J [4.OA.4]
37. D [4.NBT.6]
38. J [4.NF.4.c]
39. B [4.MD.5.b]
40. J [4.G.2]
41. D [4.NBT.6]
42. F [4.G.2]
43. D [4.NF.3.c]
44. G [4.MD.7]
45. A [4.OA.5]
46. J [4.NBT.4]
47. A [4.G.1]
48. H [4.OA.4]
49. A [4.NF.3.d]
50. H [4.OA.3]

Practice Test B

1. C [4.OA.1]
2. H [4.NBT.2]
3. C [4.NF.1]
4. H [4.MD.1]