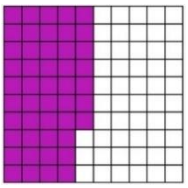
Reveal Math review – grad 4 final term 3 - 2021/2022

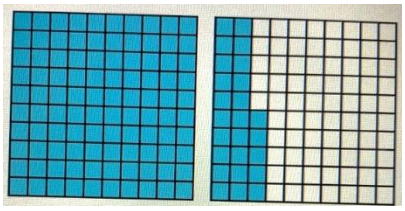
أسئلة على نمط هيكل الإمتحان النهائي

1. Write the fraction that the grid represent: (Page 137)



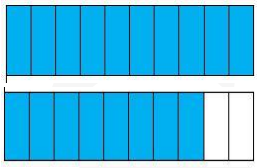
A. $\frac{47}{10}$ B. $\frac{48}{10}$ C. $\frac{47}{100}$ D. $\frac{46}{100}$

2. Write the fraction that the grid represent: (Page 137)



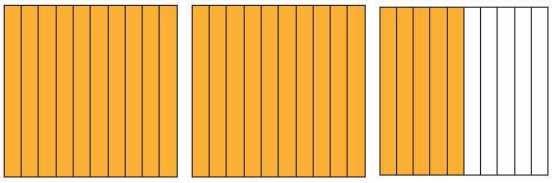
A. $1\frac{25}{10}$ B. $2\frac{2}{100}$ C. $1\frac{25}{10}$ D. $1\frac{25}{100}$

3. Write the fraction that the grid represent: (Page 137)



A. $2\frac{8}{10}$ B. $1\frac{8}{10}$ C. $1\frac{8}{100}$ D. $2\frac{18}{10}$

4. Write the fraction that the grid represent: (Page 137)



A. $2\frac{25}{100}$ B. $2\frac{5}{100}$ C. $3\frac{5}{10}$ D. $2\frac{5}{10}$

Safa RS

5. Choose the equivalent decimal $\frac{9}{100}$ (Page 137)

A. 0.9 B. 0.09 C. 0.009 D. 900

6. Choose the equivalent fraction 0.7 (Page 137)

A. $\frac{7}{100}$ B. $\frac{10}{7}$ C. $\frac{7}{100}$ D. $\frac{7}{10}$

7. Choose the equivalent fraction 1.05 (Page 137)

A. $\frac{105}{100}$ B. $1\frac{5}{10}$ C. $1\frac{5}{100}$ D. $\frac{5}{100}$

8. Choose the correct comparisons: (Page 137)

A. 0.8 = 0.08

B. 0.85 < 0.8

C. 0.26 > 0.3

D. 2.71 > 2.6

9. Find the sum $\frac{3}{10} + \frac{11}{100} =$ (Page 147)

A. $\frac{14}{100}$ B. $\frac{14}{10}$ C. $\frac{41}{10}$ D. $\frac{41}{100}$

10. Find the sum $\frac{52}{100} + \frac{2}{10} =$ (Page 147)

A. $\frac{54}{100}$ B. $\frac{72}{100}$ C. $\frac{54}{10}$ D. $\frac{72}{10}$

11. **Find the sum** $\frac{4}{10} + \frac{15}{100} =$ (Page 147)

A. $\frac{19}{10}$ B. $\frac{19}{100}$ C. $\frac{55}{10}$ D. $\frac{55}{100}$

12. **Lauren walks** $\frac{4}{10}$ **mile to meet her friend. Then Lauren and her friend walk** $\frac{36}{100}$ **mile to the park. How far did Lauren walk in all?** (Page 147)

A. $\frac{40}{10}$ B. $\frac{40}{100}$ C. $\frac{76}{100}$ D. $\frac{76}{10}$

13. **Which addition problems have a sum of** $\frac{82}{100}$ **?** (Page 147)

A. $\frac{2}{10} + \frac{80}{100}$

B. $\frac{8}{100} + \frac{2}{10}$

C. $\frac{22}{100} + \frac{6}{10}$

D. $\frac{20}{100} + \frac{80}{100}$

14. **Samer buys 2 pieces of pizza. He hands the cashier $2.00. What coins could Roger receive back in change?** (Page 152)

A. 0.4 B. 0.6 C. 0.7 D. 0.8

Safaa RS

15. **Somaia has 8 one- dollar bills, 13 dimes, and 5 pennies.**

Elina has a nine-dollar bill, 2 dime, and 5 pennies.

Who has more money? (Page 152)

A. Somaia has more money
B. Elina has more money
C. Both have same money

16. **Selina spent exactly $ 15.00 on school supplies. What supplies could Selina have bought?** (Page 152)

Supply	Price
pencil	$0.50
notebook	$1.00
folder	$0.75
calculator	$5.00

A. 2 calculator, 2 notebook and 3 folders
B. 5 notebook, 1 calculator and 1 pencil
C. 2 calculator, 3 notebook and 4 pencil

17. **Mariam has 8 quarters and some dimes. She has $ 2.80. How many dimes does Mariam have?** (Page 152)

A. 2 B. 8 C. 6 D. 4

18. **14 meters = …….. centimeters**. (Page 163)

A. 140 B. 1,400 C.14,000 D. 14

19. **9 kilograms = ……grams** (Page 163)

A. 90 B. 9,000 C. 900 D. 90,000

20. **12 centimeters = …….. Millimeters** (Page 163)

A. 120 B. 1,200 C. 12,000 D. 12

21. **27 liters = …… milliliters** (Page 163)

A. 270 B. 2,700 C. 27,000 D. 270,000

22.8 meters = …… Millimeters

A. 80 B. 8 C. 800 D. 8,000

23. 20 liters = 20,000 …… (Page 163)

A. Millimeters B. centimeters C. milliliters D. grams

24. 500 meters = 50,000 …….. (Page 163)

A. Centimeters B. millimeters C. kilometers

25. **200 meters = 20,000 ……** (Page 163)

A. Kilometers B. millimeters C. centimeters D. milliliters

26. **John coffee pot holds 3 cups of coffee. How many fluid ounces does the pot hold?** (Page 171)

A. 32 B. 6 C. 12 D. 24

27. The football teams drink 20 gallons of water at a tournament. How many quarts of water do they drink? (Page 171)

A. 40 B. 60 C. 80 D. 160

28. Jerry's juice recipe uses 24 quarts of water. How many gallons does her recipe use? (Page 171)

A. 6 B. 8 C. 48 D. 4

29. Kayla used 30 pints of water to fill his new aquarium. How many quarts does the aquarium hold? (Page 171)

A. 60 B. 15 C. 120 D. 300

30. **Sally volunteered for 6 hours last weekend. How many minutes did Sally volunteer?** (Page 175)

A. 120 B. 180 C. 360 D. 300

31. **Salma sang a song that was 4 minutes long. Selina sang a song that was 250 seconds long. Who sang longer?** (Page 175)

A. Salma sang longer than Selina
B. Selina sang longer than Salma
C. Both sang same long

32. **Khalid and Salem are running in a $\frac{1}{2}$ mile relay race. Salem runs the first 3 minutes. Khalid runs the second part in 170 seconds. Who took longer? How much longer?** (Page 175)

A. Salem took 180 seconds longer than Khalid
B. Khalid took 170 seconds longer than Salem
C. Salem took 10 seconds longer than Khalid
D. Khalid took 10 seconds longer than Salem

33. **Lina spent 4 hours online last week. If she spent the same amount of time online each of 5 days, how many minutes would she spent online in a day?** (Page 176)

A. 36 B. 240 C. 20 D. 48

34. **Dina boiled an egg for 7 $\frac{1}{2}$ minutes . For how many seconds did she boil the egg?** (Page 176)

A. 420 B. 450 C. 480 D. 470

35. **Kyle reads a page in 4 minutes . How many seconds does it take?** (Page 176)

A. 180 B. 420 C. 240 D. 320

36. **Lamia walks $2\frac{1}{2}$ kilometers to school. Hala walks 3 kilometers to school. How many meters do Lamia and Hala walk in all ?** (Page 179)

A. 5 meters B. 5,000 meters C. 5,500 meters D. 6,000 meters

37. **Jony made 8 liters of soup. He serves 6,500 milliliters of the soup. How many milliliters of the soup remain?** (Page 179)

A. 1,500 milliliters B. 1,000 milliliters C. 500 milliliters D. 2,000 milliliters

38. **A restaurant owner buys 7 sacks of potatoes. Each sack of potatoes has a mass of 4 kilograms. How many grams of potatoes does he buy?** (Page 179)

A. 28 grams B. 4,000 grams C. 7,000 grams D. 28,000 grams

39. **Niamh has 430 centimeters of red ribbon and 7,200 millimeters of blue ribbon. How many more millimeters of blue ribbon than red ribbon does she have?** (Page 179)

A. 6,770 B. 7,630 C. 3,100 D. 2,900

40. **Diala's dog weighs 3 pounds. Elisa's dog weighs $5\frac{1}{4}$ pounds. What is the combined weight of the two dogs in ounces?** (Page 185)

A. 128 ounces B. $8\frac{1}{4}$ ounces C. 22 ounces D. 132 ounces

41. **Faris makes 6 gallons of soup. He puts the soup in 1-quart containers. How many containers can he fill?** (Page 185)

A. 18 quarts B. 24 quarts C. 12 quarts D. 48 quarts

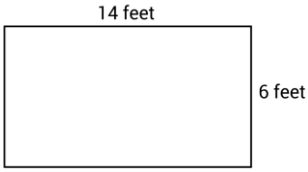
42. **Hala worked in the garden from 3:25 p.m to 6:20 p.m. How many minutes did she work in the garden ?** (Page 185)

A. 180 minutes B. 240 minutes C. 175 minutes D. 235 minutes

43. **A vine grows $\frac{1}{3}$ foot each week. How many inches does it grow in 9 weeks?** (Page 185)

A. 3 inches B. 36 inches C. 12 inches D. 6 inches

44. **Find the perimeter** (Page 189)



A. 84 feet
B. 40 feet
C. 20 feet
D. 14 feet

45. **Find the perimeter if L = 6 km, W = 4 km** (Page 189)

A. 24 km B. 10 km C. 2 km D. 20 km

46. **Find the perimeter if L = 9 units , W = 5 units** (Page 189)

A. 28 units B. 14 units C. 40 units D. 18 units

47. **Find the value if P = 30 yard W = ?** (Page 189)

A. 45 yards
B. 27 yards
C. 4 yards
D. 6 yards

48. **A rectangular playground has a length of 63 feet and a width of 32 feet . What is the perimeter?** (Page 189)

A. 180 feet B. 190 feet C. 95 feet D. 170 feet

49. **Find the missing value** (Page 193)

A = 66 square miles

L = …… miles

A. 60 miles B. 10 miles C. 11 miles D. 27 miles

50. **Find the missing value** (Page 193)

8 in.

A = 64 square inches
W = …… inches

A. 6 B. 8 C. 24 D. 56

51. **A rectangular garden has a width of 8 feet and an area of 112 square feet . What is the length of the garden ?** (Page 193)

A. 896 feet B. 104 feet C. 13 feet D. 14 feet

52. **A square piece of cardboard has a side length of 17 inches. What is the area of the piece of cardboard?** (Page 193)

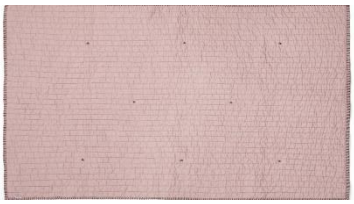
A. 17 B. 289 C. 34 D. 255

53. **A rectangular park has an area of 90 square miles. What are possible length and width combination?** (Page 194)

A. 30 and 30
B. 11 and 9
C. 15 and 6
D. 12 and 5

54. **If the width of the blanket is half the length, what is the area of the blanket?** (Page 194)

80 in.



A. 40 B. 80 C. 320 D. 3200

55. **A rectangular pond has an area of 16 square feet and a width of 2 feet . What is the length and perimeter ?** (Page 197)

A. L= 7 ft P = 18 ft
B. L= 8 ft P = 18 ft
C. L = 7 ft P = 20 ft
D. L= 8 ft P = 20 ft

56. **A rectangular rug has an area of 20 square feet and a width of 4 feet. What is the length and perimeter?** (Page 197)

A. L= 5 ft P = 9 ft
B. L= 5 ft P = 20 ft
C. L = 5 ft P = 18 ft
D. L= 5 ft P = 16 ft

57. **A rectangular greenhouse has a perimeter of 60 feet and length of 20. What is the area ?** (Page 197)

A. 120 sq ft B. 160 sq ft C. 200 sq ft D. 210 sq ft

58. **A square frame has an area of 900 square inches. What are the side lengths?** (Page 197)

A. L = 20 in. B. L = 30 in. C. 300 in. D. 60 in.

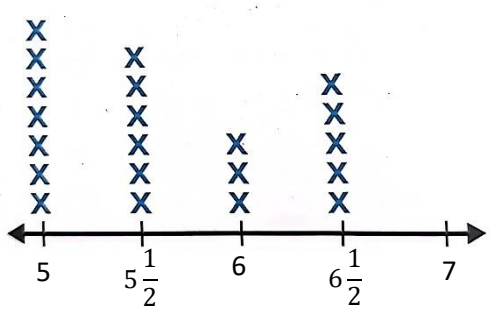
59. **A rectangular park has an area of 24 square miles. What are possible perimeters in miles?** (Page 198)

A. 18 B. 6 C. 4 D. 20

60. **A gardener has 80 inches of edging material to surround a rectangular flowerbed. What is the greatest possible area of the flowerbed?** (Page 198)

A. 400 b. 90 C. 800 D. 640

61. **Use the line plot and answer the questions.** (Page 201)



Mr. Clive's Class

Long Jump Distances (ft)

1. **What was the greatest distance jumped?**

   A. 5 B. $5\frac{1}{2}$ C. $6\frac{1}{2}$ D. 7

2. **How many students jumped $5\frac{1}{2}$ feet or greater?**

   A. 6 B. 9 C. 13 D. 14

3. **How many students jumped 5 feet?**

   A. 3 B. 5 C. 6 D. 7

4. **How many students jumped $5\frac{1}{2}$ feet or less?**

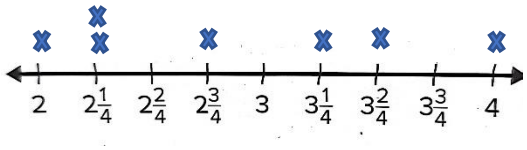
   A. 5 B. 13 C. 6 D. 7

62. The table shows the time Michal spent practicing football each day. (Page 201)

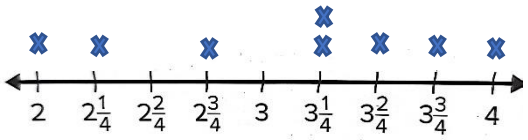
Football Practice (hours)	
Monday	$3\frac{1}{4}$
Tuesday	2
Wednesday	$3\frac{2}{4}$
Thursday	$2\frac{1}{4}$
Friday	4
Saturday	$2\frac{3}{4}$
Sunday	$3\frac{1}{4}$

1. **Choose a line plot that display the data of table .**

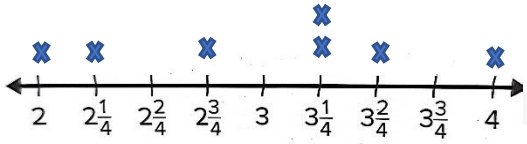
C.



B.



A.

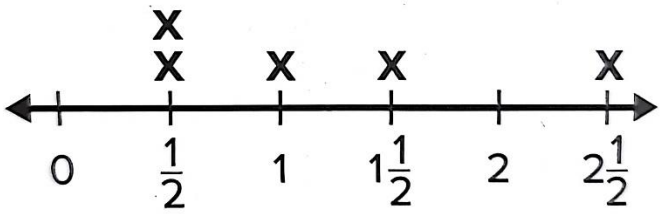


2. **How many hours did Michal practice in all?**

A. 16 B. 19 C. 20 C. 21

Sara R.

63.Use the line plot to answer the questions. (Page 205)



Movie length (hours)

1. **What is the difference between the lengths of the longest movie and the shortest movie?**

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

2. **What is the combined length of the shortest movie and the longest movie ?**

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

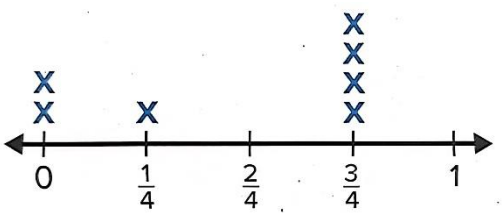
3. **How long would you need to watch all the movies?**

   A. $7\frac{1}{2}$ Hours B. $5\frac{1}{2}$ hours C. 5 hours D. 6 hours

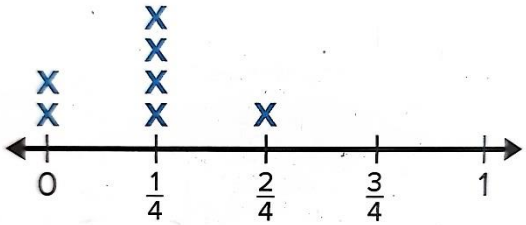
4. **If the two longest movies were playing one right after the other, How many hours you need to watch both movies?**

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

64.Use the line plot to answer the questions. (Page 205)



Daily Band Practice (hr)



Daily Basketball Practice (hr)

1. **How many hours were spent practicing band?**

   A. 7 hours B. 3 hours C. $3\frac{1}{4}$ hours D. 2 hours

2. **How many hours were spent practicing basketball?**

   A. 7 hours B. 3 hours C. 2 hours D. $1\frac{2}{4}$

3. **If you wanted to practice both activities for the same amount of time each week, which activity would you need to practice more? By how much?**

   A. Basketball $1\frac{1}{4}$ hours more

   B. Band $1\frac{1}{4}$ hours more

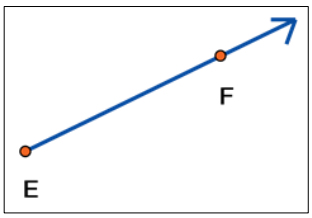
   C. Basketball $2\frac{1}{4}$ hours more

   D. Band $2\frac{1}{4}$ hours more

4. **How much time was spent practicing both activities throughout the week?**

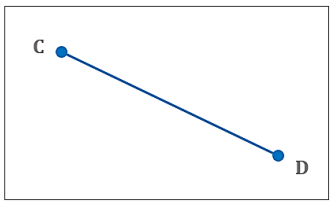
   A. $1\frac{1}{4}$ hours B. $3\frac{3}{4}$ hours C. 4 hours D. 5 hours

65. **Name the figure** (Page 217)



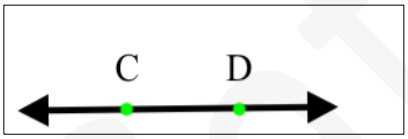
A. Line segment B. line C. ray D. point

66. **Name the figure** (Page 217)



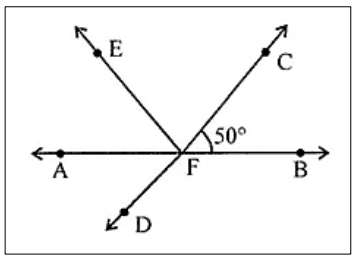
A. Line segment B. line C. ray D. point

67. Name the figure (Page 217)



A. Line segment B. line C. ray D. point

68. Name the figure contains points E and F (Page 217)

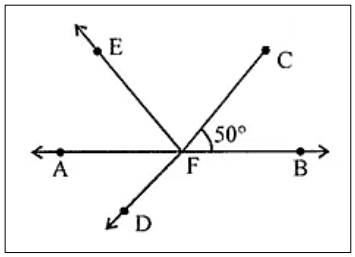


A. Line segment B. line C. ray D. point

69. Name the figure (Page 217)

contains points

C and F

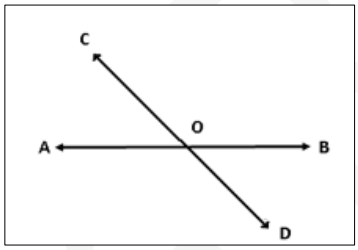


A. Line segment B. line C. ray D. point

70. Name the figure (Page 217)

contains points

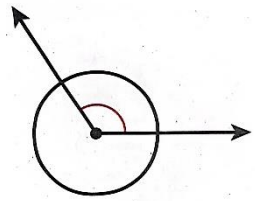
A and B



A. Line segment B. line C. ray D. point

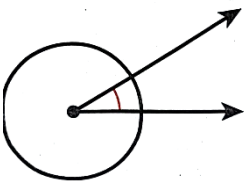
71.Describe the amount of rotation (Page 221)

A. Right angle equal 90
B. Obtuse angle more 90
C. Acute angle less 90



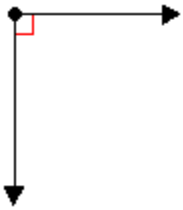
72.Describe the amount of rotation (Page 221)

A. Right angle equal 90
B. Obtuse angle more 90
C. Acute angle less 90



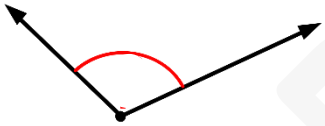
73. Classify the angle. (Page 221)

A. Right angle
B. Obtuse angle
C. Acute angle



74. Classify the angle. (Page 221)

A. Right angle
B. Obtuse angle
C. Acute angle



75. Alex drew an obtuse angle. Which of the following could be its measure? (Page 226)

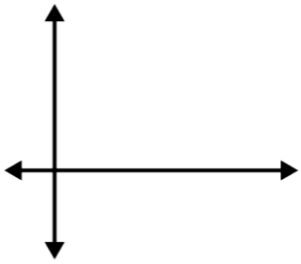
A. 90˚ B. 85˚ C. 95˚ 34˚

76. Describe the pair of lines shown. (Page 229)

A. Parallel lines
B. Perpendicular lines
C. Neither

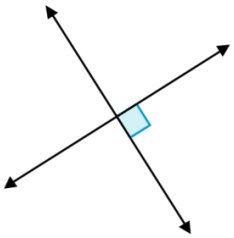
77. Describe the pair of lines shown. (Page 229)

A. Parallel lines
B. Perpendicular lines
C. Neither



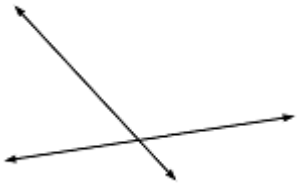
78. Describe the pair of lines shown. (Page 229)

A. Parallel lines
B. Perpendicular lines
C. Neither

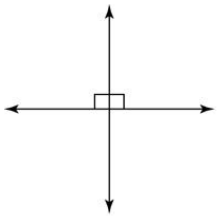


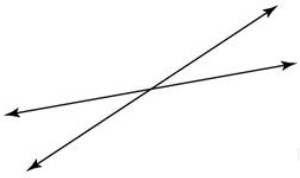
79. Describe the pair of lines shown. (Page 229)

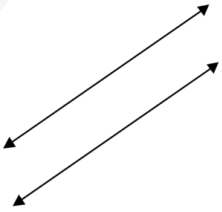
A. Parallel lines
B. Perpendicular lines
C. Neither



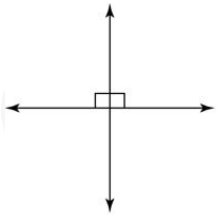
80. Which pair of lines shown intersecting, but not perpendicular? (Page 229)

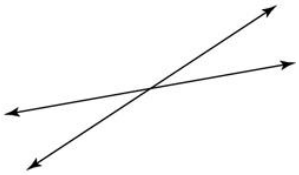
A. 

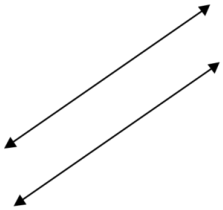
B. 

C. 

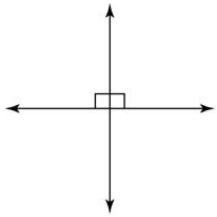
81. Which pair of lines shown perpendicular? (Page 229)

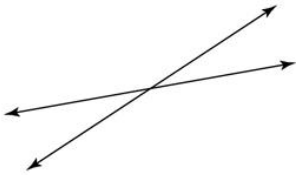
A. 

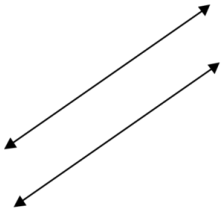
B. 

C. 

82. Which pair of lines shown parallel? (Page 229)

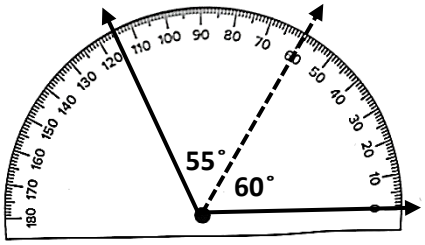
A. 

B. 

C. 

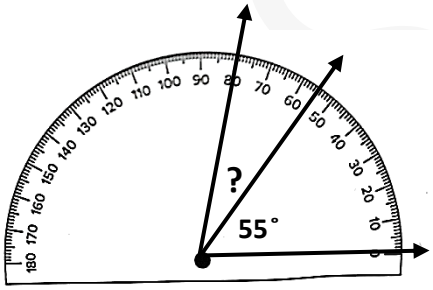
83.What is the sum of the two angles? (Page 233)

A. 60˚
B. 55˚
C. 120˚
D. 115˚



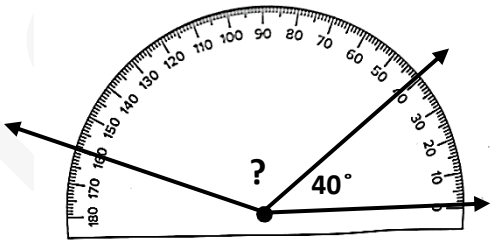
84.What is the measure of the unknown angle? (Page 233)

A. 80˚
B. 20˚
C. 25˚
D. 55˚



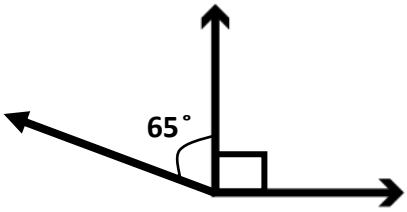
85.What is the measure of the unknown angle? (Page 233)

A. 40˚
B. 160˚
C. 150˚
D. 120˚



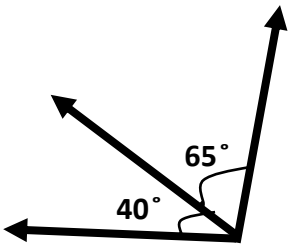
86.What is the combined angle measure? (Page 237)

A. 90˚
B. 165˚
C. 155˚
D. 65˚



87.What is the combined angle measure? (Page 237)

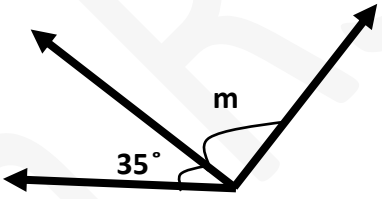
A. 65˚
B. 105˚
C. 40˚
D. 100˚



88.What is the unknown angle measure? (Page 237)

The sum of the angles is 130˚

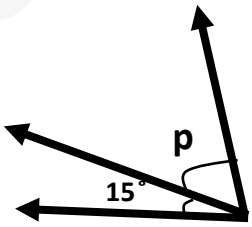
A. 90˚
B. 165˚
C. 100˚
D. 95˚



89.What is the unknown angle measure? (Page 237)

The sum of the angles is 80˚

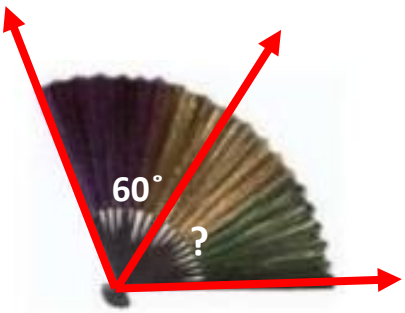
A. 90˚
B. 65˚
C. 100˚
D. 95˚



90.What is the unknown angle measure? (Page 237)

The sum of the angles is 120˚

A. 120˚
B. 180˚
C. 60˚
D. 70˚



GREAT EFFORT

91.What is the unknown angle measure? (Page 238)

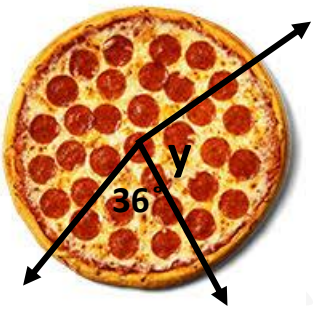
The sum of the angles is 132˚

A. 104˚

B. 180˚

C. 168˚

D. 96˚



92.What is the unknown angle measure? (Page 238)

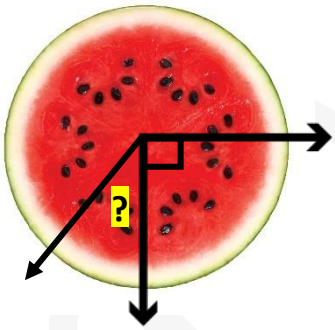
The sum of the angles is 127˚

A. 90˚

B. 30˚

C. 37˚

D. 35˚



93. A parallelogram with 4 equal sides. (Page 241)

A. Trapezoid B. rhombus C. rectangle

94.A quadrilateral with exactly one pair of parallel line. (Page 241)

A. Trapezoid B. rhombus C. rectangle D. parallelogram

95.A parallelogram with 4 right angles and 4 equal sides. (Page 241)

A. Trapezoid B. rhombus C. square D. parallelogram

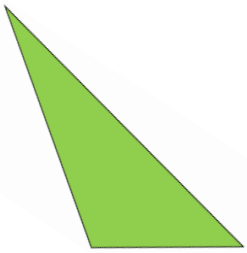
96.A quadrilateral with two pairs of parallel lines. (Page 241)

Trapezoid B. rhombus C. square D. parallelogram

97.A parallelogram with 4 right angles and 2 pairs of equal sides. (Page 241)

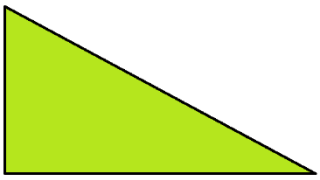
Trapezoid B. rectangle C. square D. parallelogram

98.Classify the triangle by its angles. (Page 245)



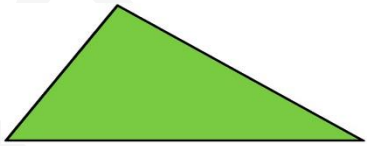
A. Right triangle
B. Isosceles triangle
C. Obtuse triangle
D. Equilateral triangle

99. Classify the triangle by its angles. (Page 245)



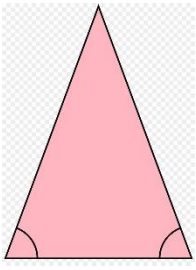
A. Right triangle
B. Acute triangle
C. Obtuse triangle
D. Equilateral triangle

100.Classify the triangle by its sides. (Page 245)



A. Isosceles triangle
B. Scalene triangle
C. Equilateral triangle
D. Acute triangle

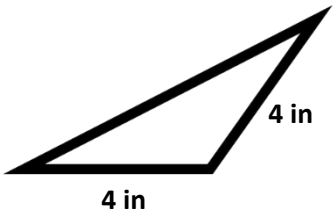
101.Classify the triangle by its sides. (Page 245)



A. Acute triangle
B. Scalene triangle
C. Equilateral triangle
D. Isosceles triangle

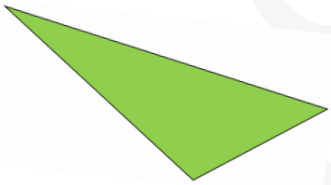
102. Classify the triangle by its angles and sides. (Page 245)

A. Acute scalene triangle
B. Obtuse scalene triangle
C. Obtuse isosceles triangle
D. Right isosceles triangle



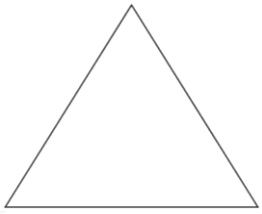
103. Classify the triangle by its angles and sides. (Page 245)

A. Acute scalene triangle
B. Obtuse scalene triangle
C. Obtuse isosceles triangle
D. Right isosceles triangle



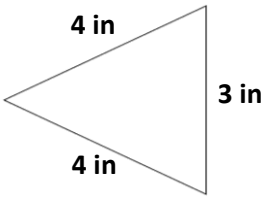
104. Classify the triangle by its angles and sides. (Page 245)

A. Acute scalene triangle
B. Obtuse equilateral triangle
C. Acute isosceles triangle
D. Acute equilateral triangle



105. Classify the triangle by its angles and sides. (Page 245)

A. Acute scalene triangle
B. Obtuse equilateral triangle
C. Acute isosceles triangle
D. Acute equilateral triangle



106. Two angles of a triangle are 80˚. How can you classify this triangle by its angles? (Page 245)

A. Right triangle B. Acute triangles C. Obtuse triangles

107. A triangle has two equal sides and angle that is 120˚. How can you classify the triangle by its angles and sides? (Page 246)

A. Right isosceles triangles

B. Acute isosceles triangles

C. Obtuse isosceles triangles

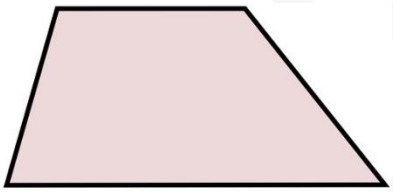
108. circle <u>all words</u> that can name the shape. (Page 248)

A. parallelogram

B. rectangle

C. quadrilateral

D. trapezoid



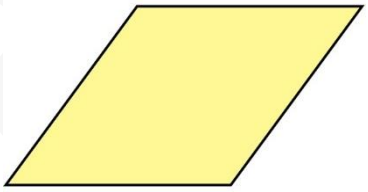
109. circle <u>all words</u> that can name the shape. (Page 248)

A. parallelogram

B. rhombus

C. quadrilateral

D. trapezoid



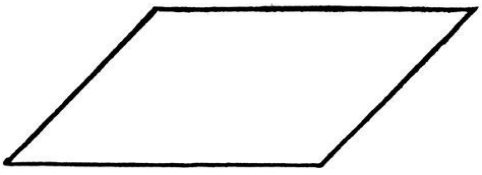
110. How many lines of symmetry in the shape? (Page 251)

A. 1

B. 2

C. 0

D. 4



111. How many does a rectangle have a line of symmetry? (Page 251)

A. 1 B. 2 C. 3 D. 4

112. How many does a pentagon with equal side lengths have a line of symmetry?

A. 2 B. 4 C. 5 D. 3

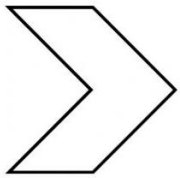
113. How many lines of symmetry in the shape? (Page 251)

A. 0

B. 1

C. 2

D. 3



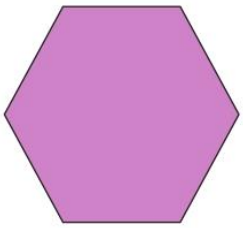
114. How many lines of symmetry are in the shape? (Page 255)

A. 2

B. 4

C. 6

D. 8



115. How many lines of symmetry are in the shape? (Page 255)

A. 0

B. 1

C. 4

D. 2

116. How many lines of symmetry are in the shape? (Page 255)

A. 7

B. 6

C. 8

D. 3