CCGPS MATH GRADE 4

End of the Year Review

1. Add or subtract.

$$\begin{array}{r} 37,264 \\ +\ 63,853 \\ \hline \end{array}$$

2. Write the number in expanded form. Then write the number name.

THOUSANDS			ONES		
Hundreds	Tens	Ones	Hundreds	Tens	Ones
	6	8	3	5	2

- Expanded form: _____
- Number name: _____

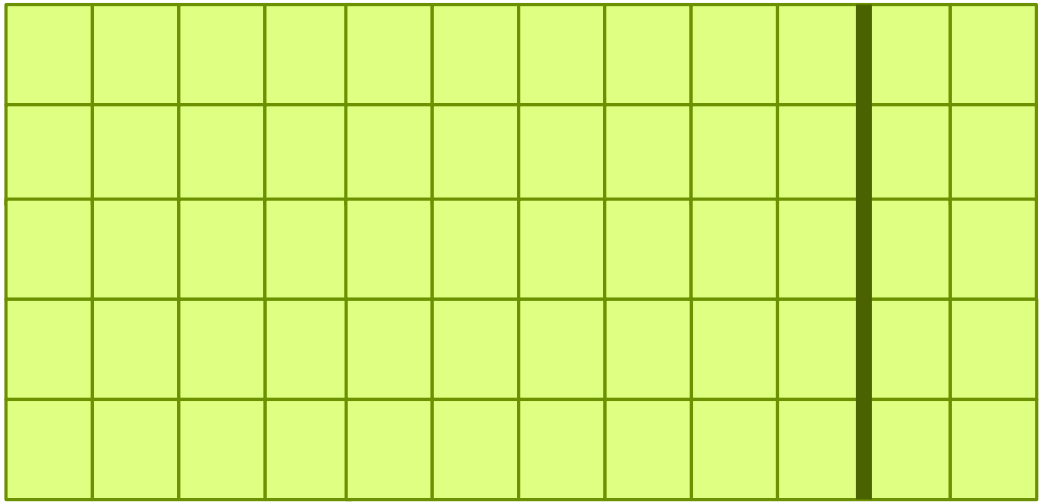
3. Find the area of the square.

6 m

4. Multiply or divide.

$$\begin{array}{r} 2,648 \\ \times \quad 4 \\ \hline \end{array}$$

5. Use the area model to find the product.

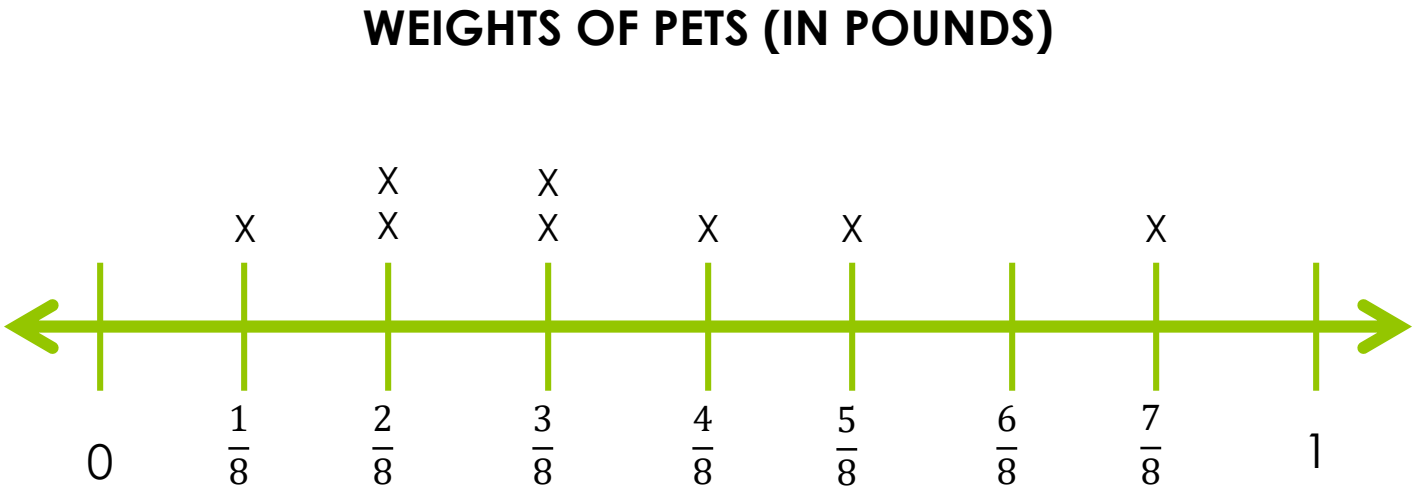


5 x 12 = _____

6. Multiply or divide.

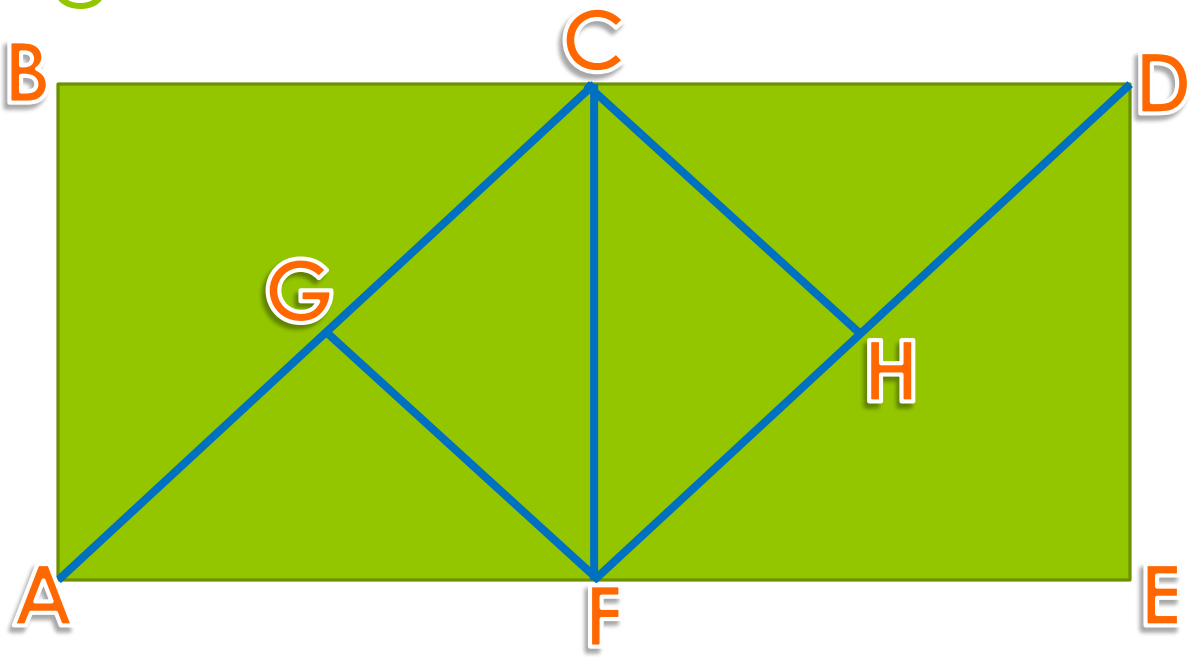
$$\begin{array}{r} 74 \\ \times\ 92 \\ \hline \end{array}$$

7. The line plot shows the weights of pets students have at their house.



How many pets weighed $\frac{3}{8}$?

8. A rectangular rug has this design.



Name one pair of parallel line segments and one pair of perpendicular line segments in the design.

9. Multiply or divide.

$$5\overline{)7\ 4\ 6}$$

10. Write 766,943 in the place-value chart.

THOUSANDS			ONES		
Hundreds	Tens	Ones	Hundreds	Tens	Ones

Compare the two different numbers represented by the 6 in 766,943.

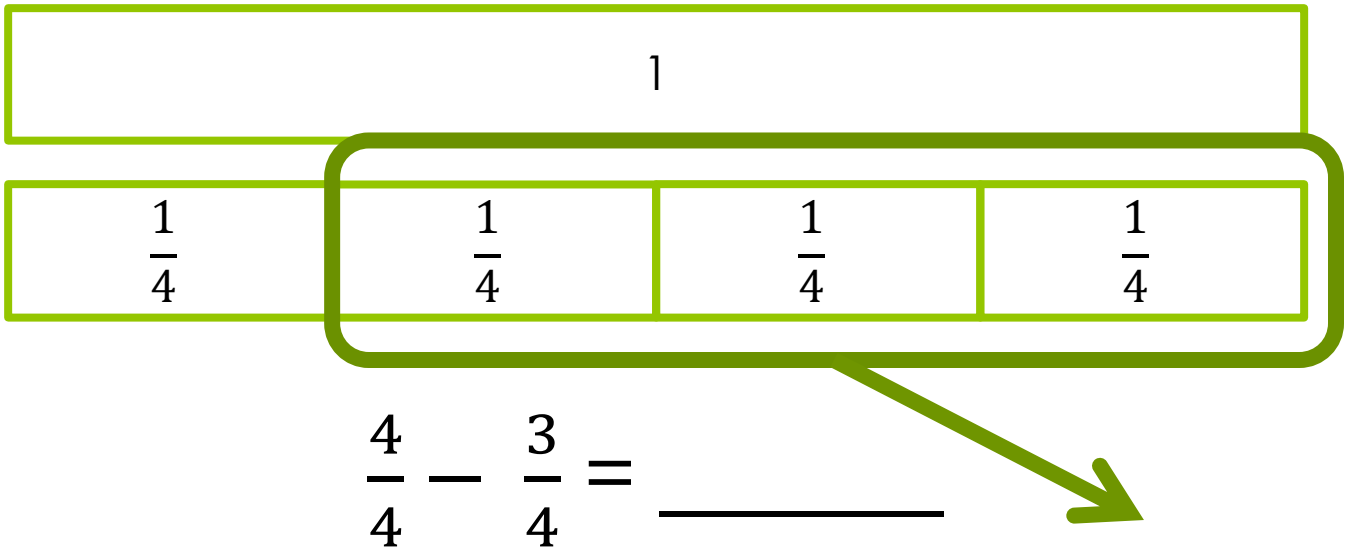
11. CONVERT.

- Change the number 37,266 to a number that rounds to 37,200.

12. Solve.

- Mr. Johns earns $671 each month. How much does he earn in one year?

13. Find the sum or difference.

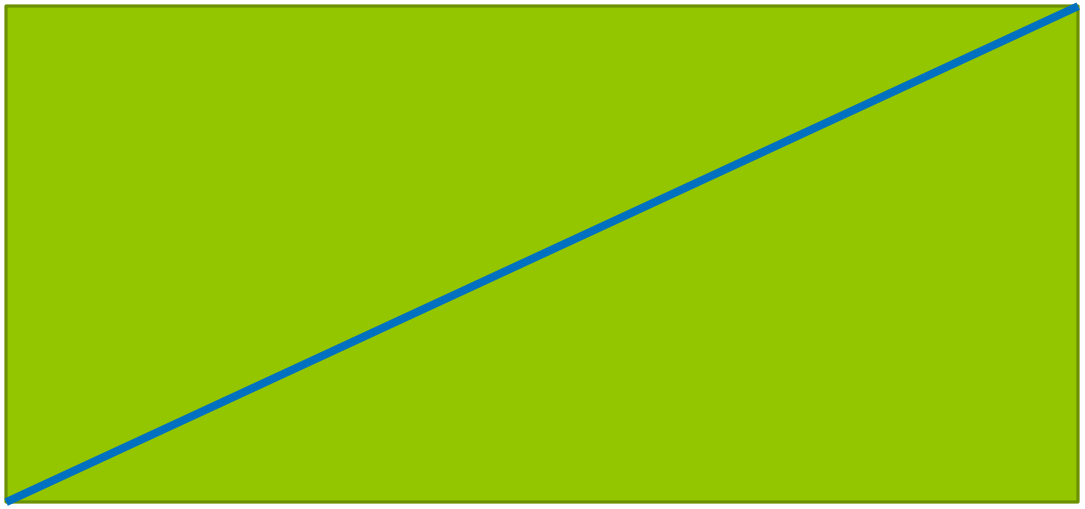


$$\frac{4}{4} - \frac{3}{4} = \_\_\_\_\_$$

14. Add or subtract.

$$\begin{array}{r} 83,838 \\ +\ 38,383 \\ \hline \end{array}$$

15. Below is a rectangle with a diagonal.



What figures are formed by the diagonal line?

16. CREATE.

- Write and solve a real-world problem using 204 ÷ 6 = 

17. Multiply or divide.

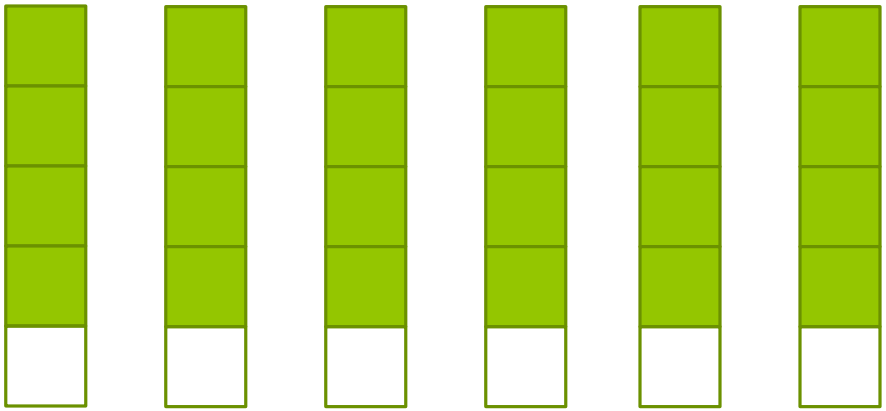
$$\begin{array}{r} 45 \\ \times\ 6 \\ \hline \end{array}$$

18. Choose the best answer.

- Which checks that 7 x 32 + 5 = 229?

A) 229 ÷ 5 = 32
B) 229 ÷ 7 = 32
C) 229 ÷ 7 = 32 R5
D) 229 ÷ 5 = 32 R7

19. Multiply. Use the model to help you.



$$6 \times \frac{4}{5} = \_\_\_\_$$

20. Add or subtract.

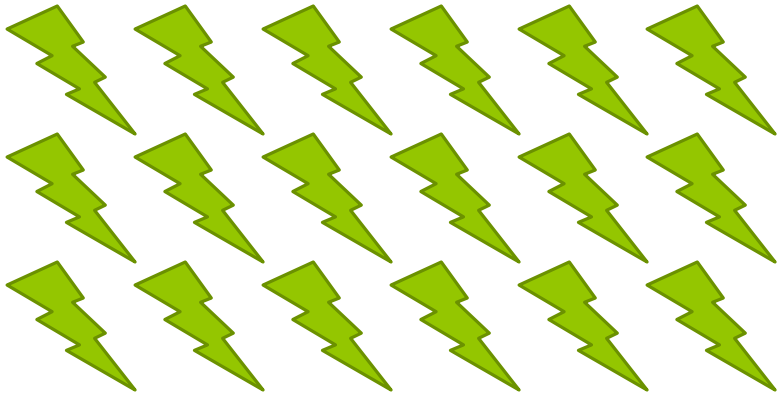
$$\begin{array}{r} 61,672 \\ -\ 53,065 \\ \hline \end{array}$$

21. Write a fraction equivalent to the given fraction.

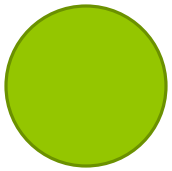
$$\frac{1}{2}$$

22. Use the diagram to complete the sentence.

- _____ is _____ times as many as 6.



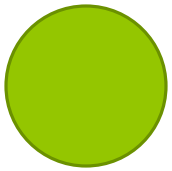
23. Compare. Write >, <, or =.

0.34  0.43

24. Add or subtract.

$$\begin{array}{r} 74,526 \\ +\ 5,931 \\ \hline \end{array}$$

25. Compare. Write >, <, or =.

0.3  0.03

26. Fill in the missing multiples.

- Multiples of 5

5: 5, 10, _____, _____, 25, _____, _____, 40

27. Write an equivalent fraction. Then add.

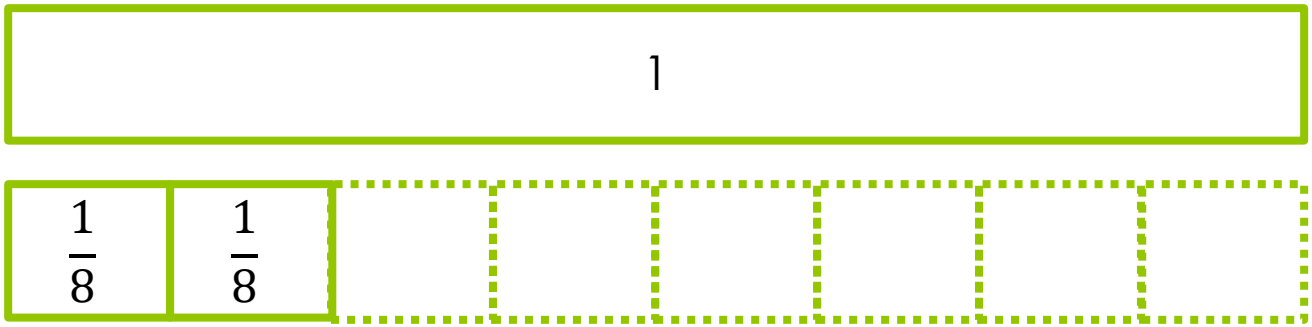
$$\frac{83}{100} + \frac{1}{10}$$

28. Draw the figure. Then draw a line of symmetry.

29. Convert.

4 kg = ____ g

30. Find the sum or difference.



$$\frac{1}{8} + \frac{1}{8} = \_\_\_\_\_$$

31. Write the number in expanded form. Then write the number name.

THOUSANDS			ONES		
Hundreds	Tens	Ones	Hundreds	Tens	Ones
		8	0	9	3

- Expanded form: _____
- Number name: _____

32. Decompose the fraction into unit fractions.

$$\frac{5}{6}$$

33. Draw the figure. Then draw a line of symmetry.

34. Decompose the fraction into unit fractions.

$$1\frac{2}{3}$$

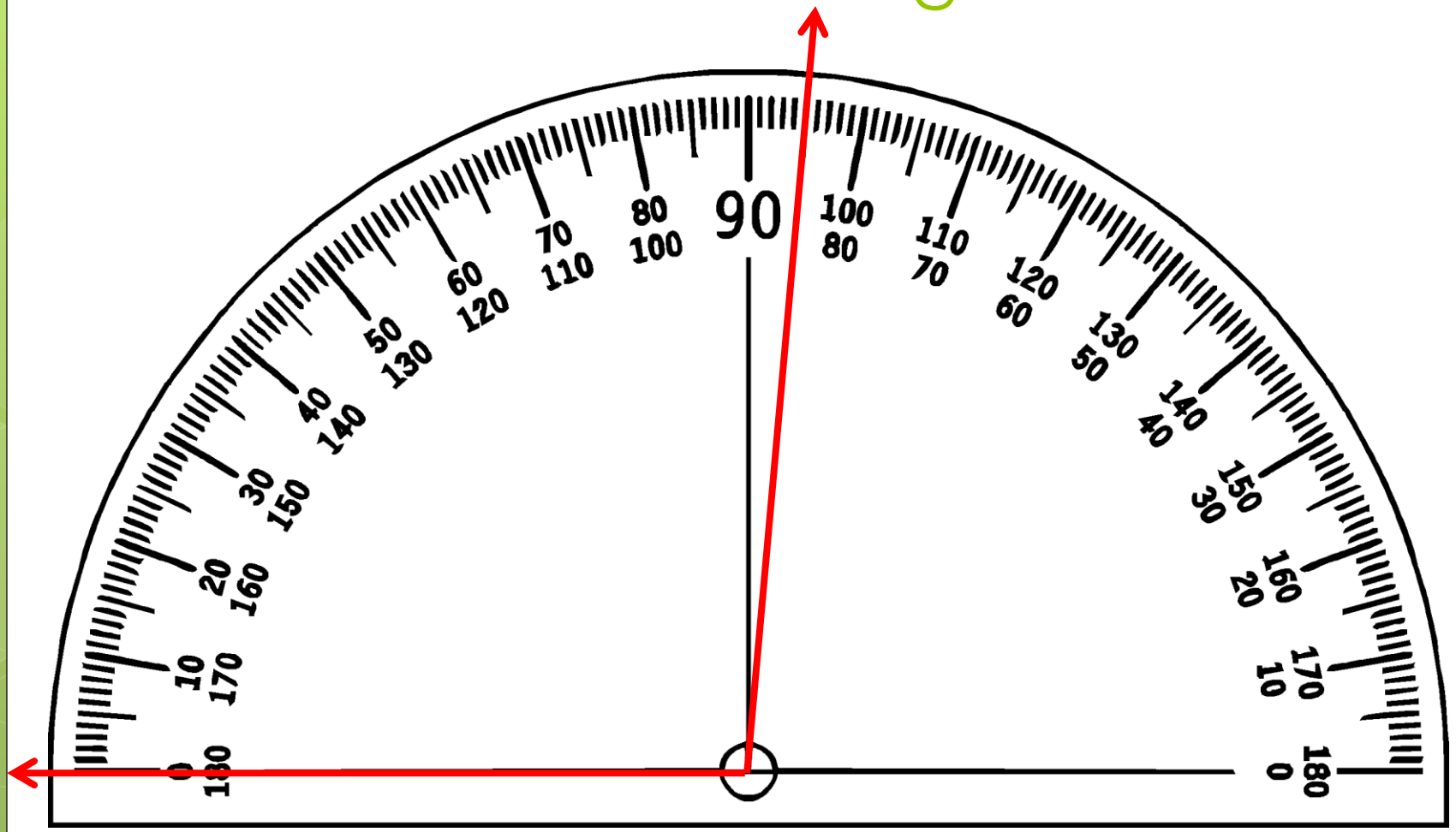
35. Write *true* or *false*.

- 81 is a multiple of 5.

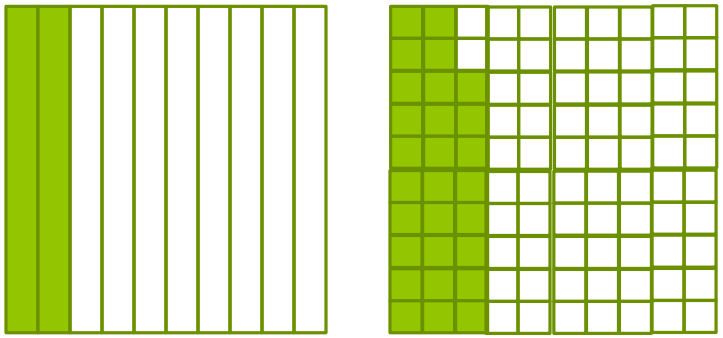
36. Convert.

3 qt = ____ p

37. Find the number of degrees in the measure of the angle.

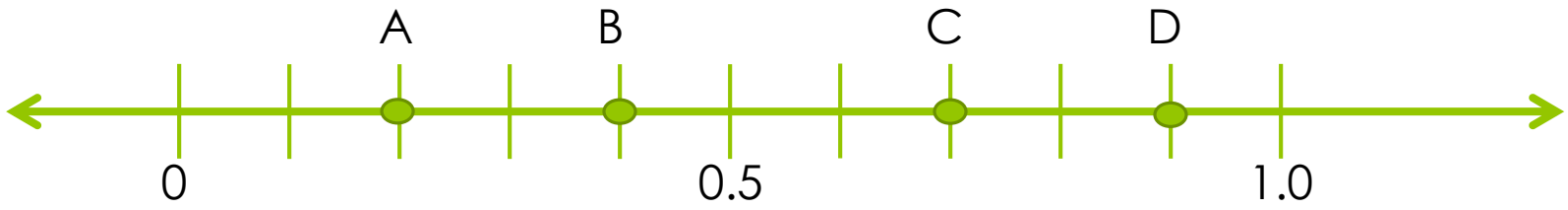


38. Compare. Write >, <, or =.



0.2 ● 0.28

39.-42. Write the decimal for each point on the number line.



39. Point A _____
40. Point B _____
41. Point C _____
42. Point D _____

43. Tell if the figure has parallel lines, perpendicular lines, or neither.

44. Add or Subtract.

$$8\frac{5}{6} - 5\frac{2}{6} = \_\_\_\_$$

45. Draw a picture to show the problem. Then write and solve an equation.

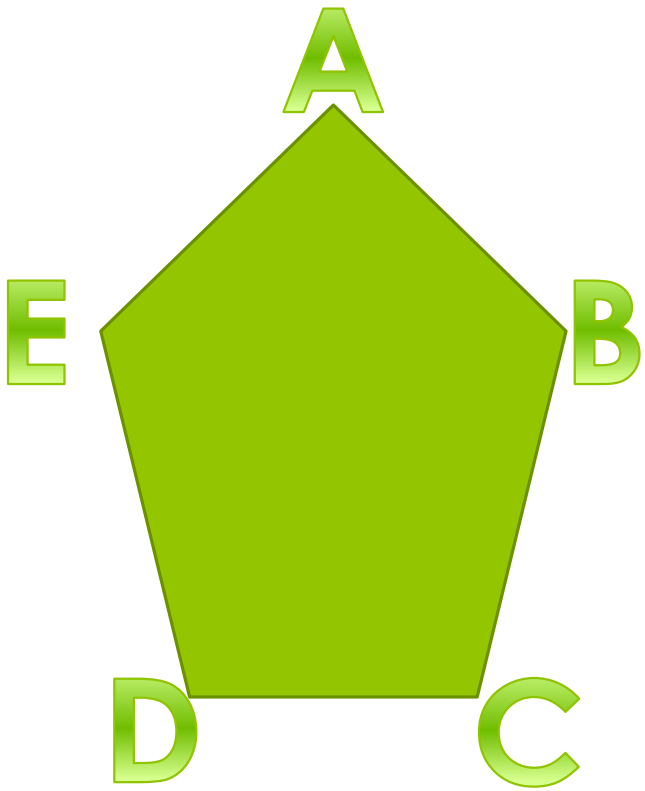
A cake is divided into 6 slices. George ate $\frac{2}{6}$ and John ate $\frac{1}{6}$ of the cake. What fraction of the cake did they eat in all?

Equation: _____

George and John ate _____ of the cake.

46. Use the figure to answer the question.

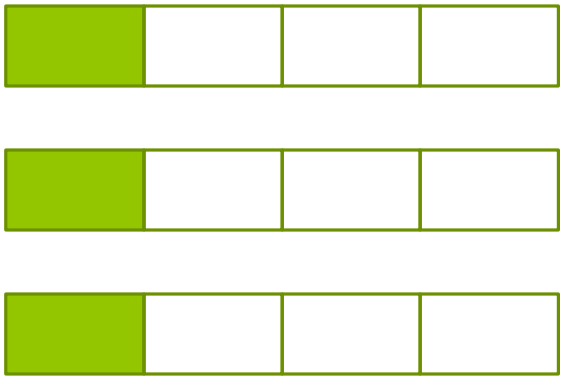
Identify an obtuse angle



47. Convert.

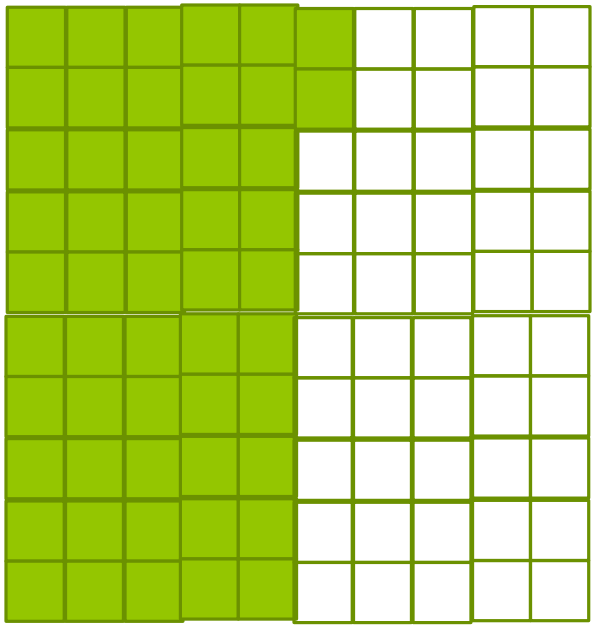
6 L = ___ mL

48. Multiply. Use the model to help you.



$3 \times \frac{1}{4} =$ _____

49. Write a fraction AND a decimal for the model.



50. Draw the figure. Then draw a line of symmetry.

51. Draw and label the figure.

acute angle ABC

52. Write an equivalent fraction. Then add.

$$\frac{4}{10} + \frac{54}{100}$$

53. All the fractions in the table are equivalent. Which is the missing factor?

$\frac{2}{3}$	$\frac{4}{6}$	$\frac{6}{9}$		$\frac{10}{15}$

A. $\frac{7}{10}$

B. $\frac{8}{12}$

C. $\frac{8}{10}$

D. $\frac{7}{12}$

54. Compare. Write <, >, or =.

76,565 ● 76,556

THOUSANDS			ONES		
Hundreds	Tens	Ones	Hundreds	Tens	Ones
	7	6	5	6	5
	7	6	5	5	6

55. Solve.

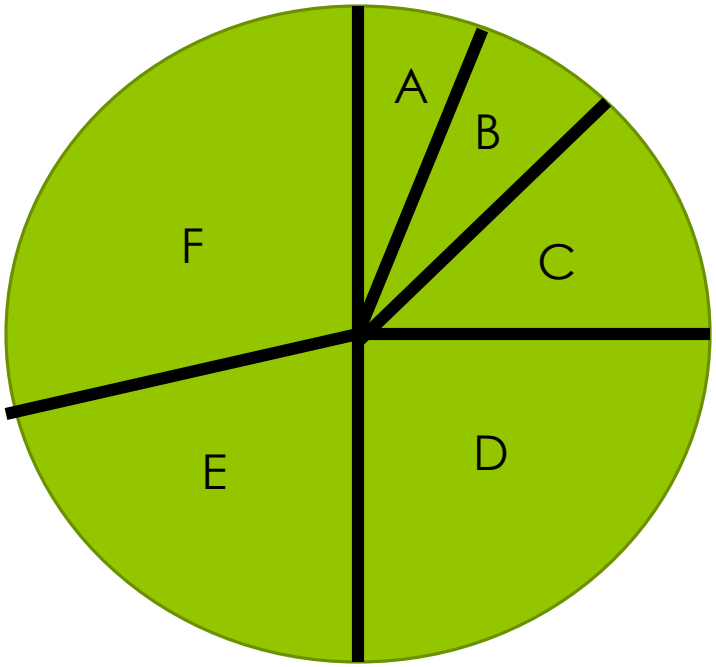
Isabelle made a rectangular design on her artwork. The area of the artwork is 15 square feet and its length is 5 feet. What is the width of the artwork?

56. Write an equivalent fraction. Then add.

$$\frac{5}{10} + \frac{50}{100}$$

57. Use the circle graph to answer the question.

How many 1° angles are represented in section D?



A. 45°
B. 90°
C. 120°
D. 180°

58. Add or Subtract.

$$10\frac{5}{8} - 6\frac{1}{8} = \_\_\_\_$$

59. Convert.

8 lb= ___ oz

60. Choose the best answer.

What is the sum of $4\frac{5}{12}$ and $2\frac{5}{12}$?

A. $5\frac{10}{12}$

B. $7\frac{11}{12}$

C. $6\frac{10}{12}$

D. $8\frac{11}{12}$

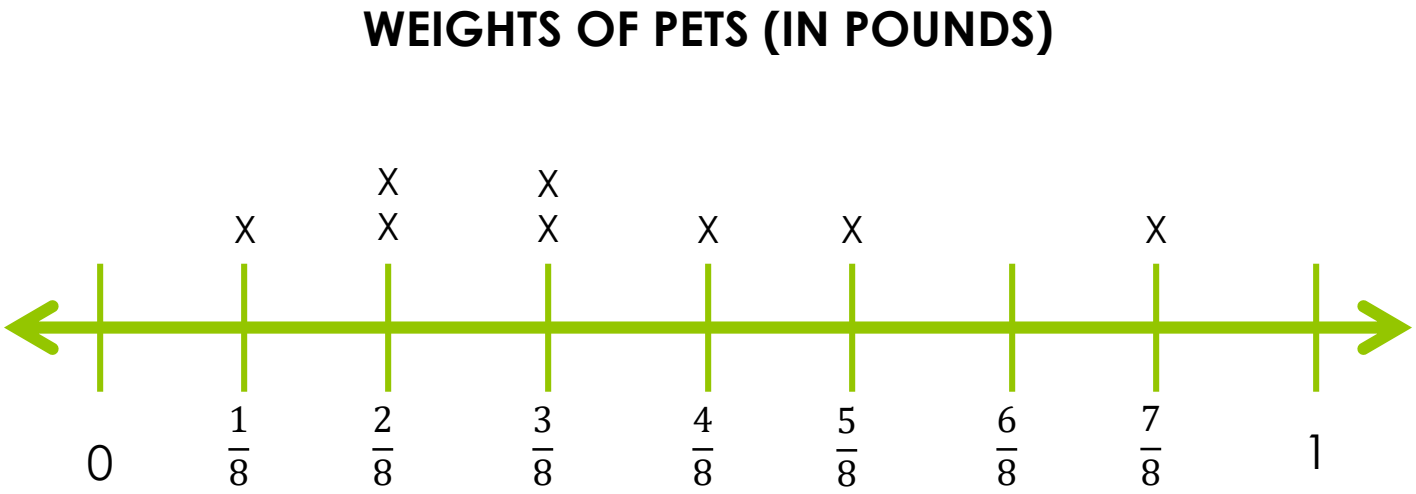
61. Write *true* or *false*.

- 54 is a multiple of 10.

62. Draw and label the figure.

obtuse angle DPE

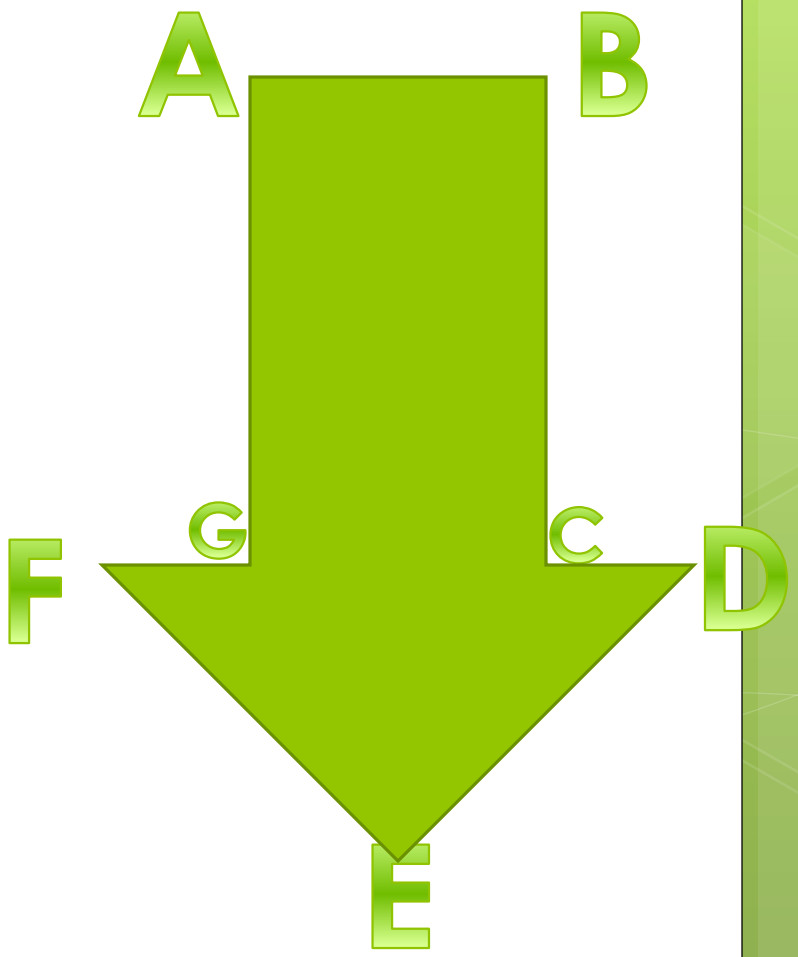
63. The line plot shows the weights of pets students have at their house.



What is the difference in weight between the heaviest pet and the lightest pet?

64. Use the figure to answer the question.

Identify a pair of perpendicular sides



65. Draw the next figure for the pattern.

66. Solve.

One batch of cookies calls for $\frac{2}{8}$ cup of sugar, $\frac{5}{8}$ cup of flour and 2 eggs. How much flour is needed for 3 batches of cookies? Explain.

67. Convert.

3 min = ___ sec

68. Choose the best answer.

Which polygon is **not** possible to draw?

A. a parallelogram with exactly two right angles
B. a right triangle with two equal angles
C. a trapezoid with two pairs of equal angles
D. a rectangle with four equal sides

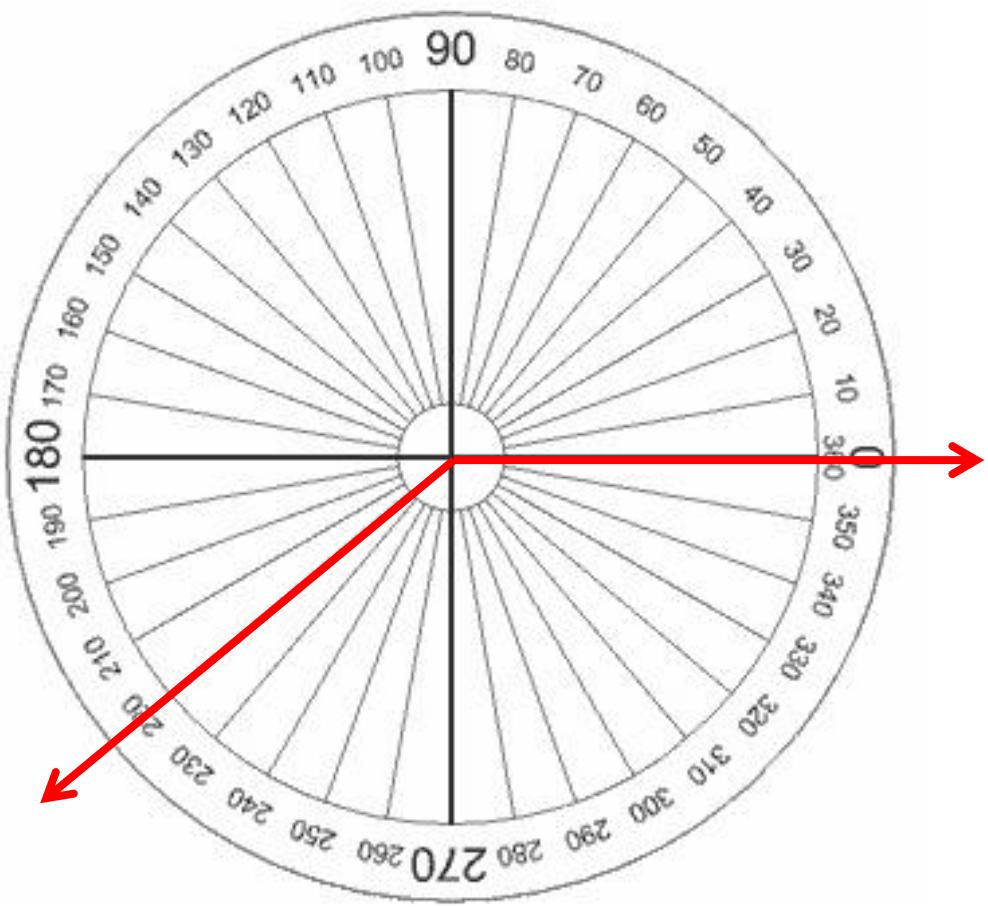
69. Add or Subtract.

$$4\frac{3}{8} + 2\frac{2}{8} = \_\_\_\_$$

70. Write *prime* or *composite*.

- 23

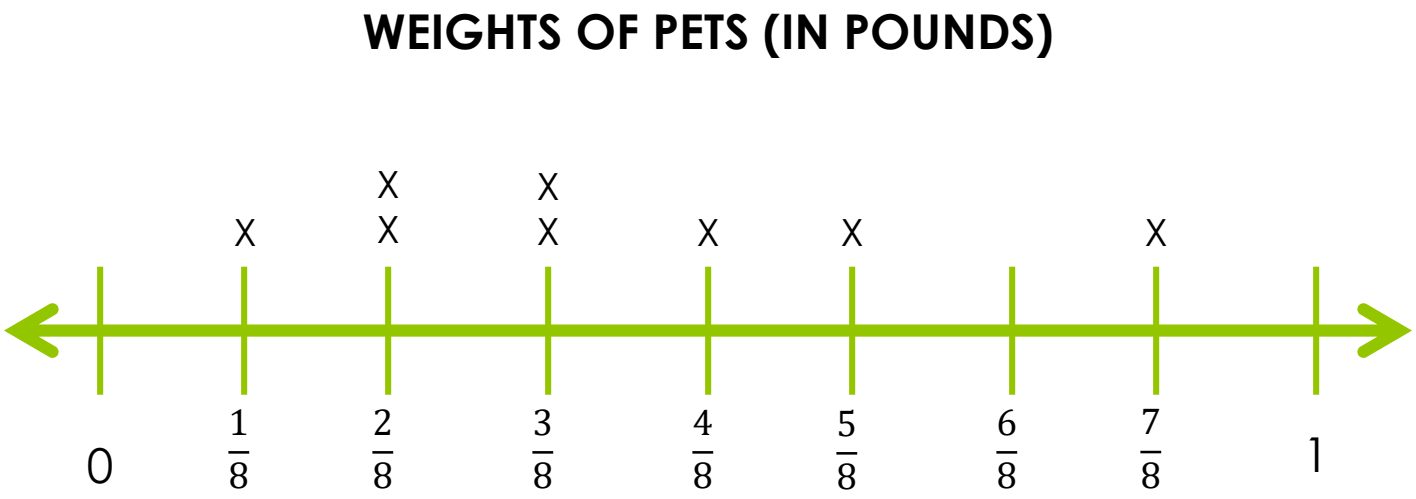
71. Find the number of degrees in the measure of the angle.



72. Draw the figure.

A pair of intersecting lines that are not perpendicular

73. The line plot shows the weights of pets students have at their house.



How much does the heaviest pet weigh?

74. Solve.

For a class party, Mrs. Moore estimates each student will eat $\frac{3}{4}$ bag of M&Ms. There are 12 students. How many bags of M&Ms should Mrs. Moore order? Explain.

75. Draw and label the figure.

line segments WE

76. Find the perimeter of the square.

5 yds

77. Choose the best answer.

- A book costs $15, and a pack of playing cards costs $3. Which statement is *true*?
  - A) The book costs 3 times as much as the playing cards.
  - B) The book costs 4 times as much as the playing cards.
  - C) The book costs 5 times as much as the playing cards.
  - D) The book costs 6 times as much as the playing cards.

78. Find the area.

79. Choose the best answer.

- Which is a composite number?
  - A) 2
  - B) 3
  - C) 4
  - D) 5

80. Write a fraction equivalent to the given fraction.

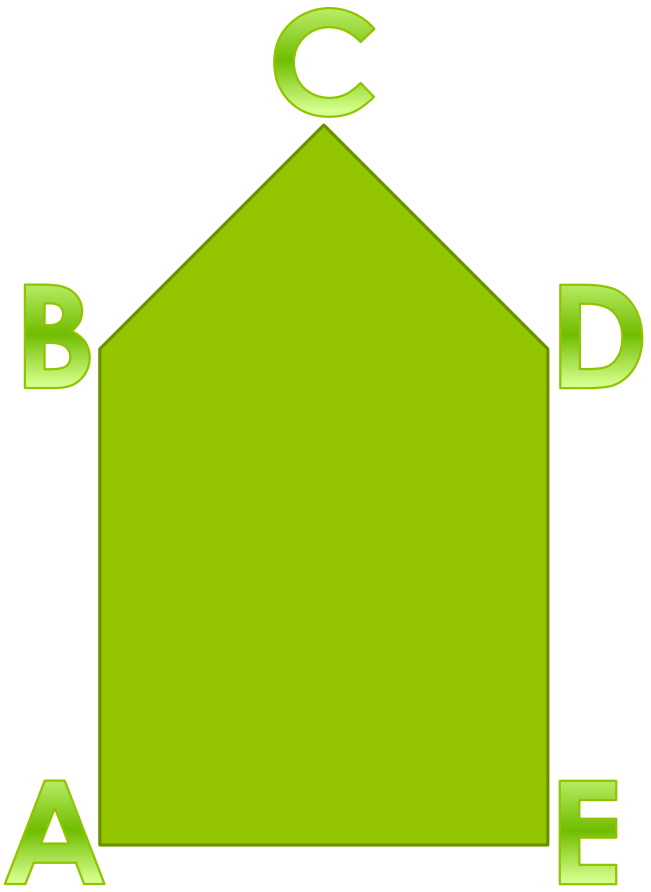
$$\frac{5}{8}$$

81. Solve.

- Make an array of smiley faces to show the factor pairs of 12. Then write the factor pairs.

82. Use the figure to answer the question.

Identify a right angle



83. Choose the best answer.

- Which checks that 843 ÷ 4 = 210 R3?

A) 210 x 4 + 3 = 843
B) 210 + 4 x 3 = 843
C) 210 + 3 x 4= 843
D) 210 x 3 + 4 = 843

84. Draw and label the figure.

ray MN

85. Choose the best answer.

Sara helped her mother for $3\frac{1}{2}$ hours in the kitchen. Natalia worked with her mother for 2 hours in the kitchen. How many more minutes did Sara work in the kitchen than Natalia?

A. 30 minutes

B. 60 minutes

C. 90 minutes

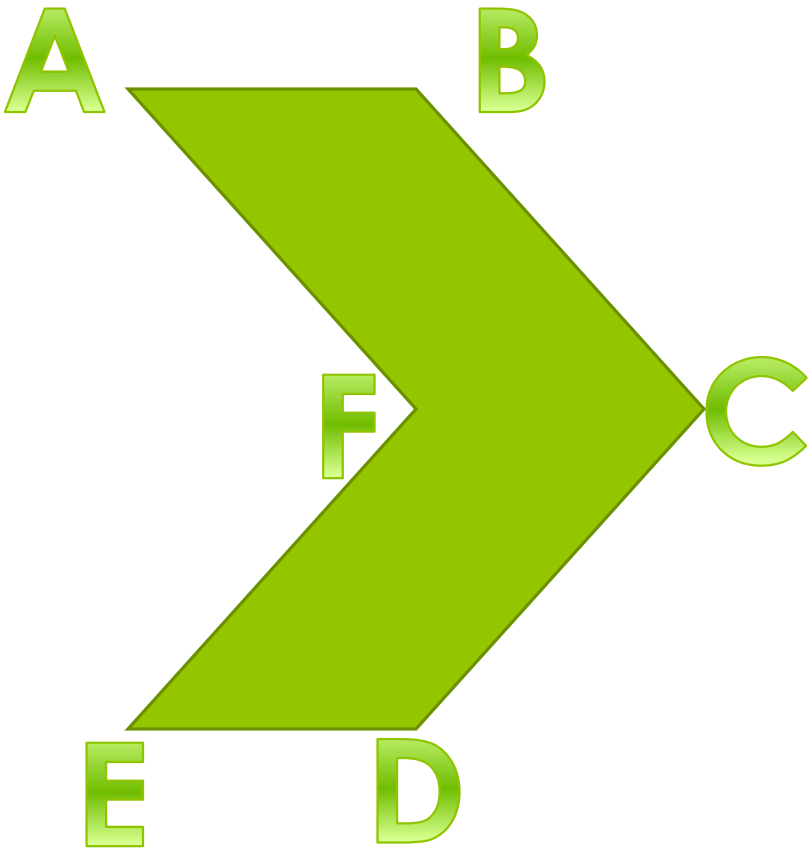
D. 120 minutes

86. Draw the figure.

A pair of parallel lines

87. Use the figure to answer the question.

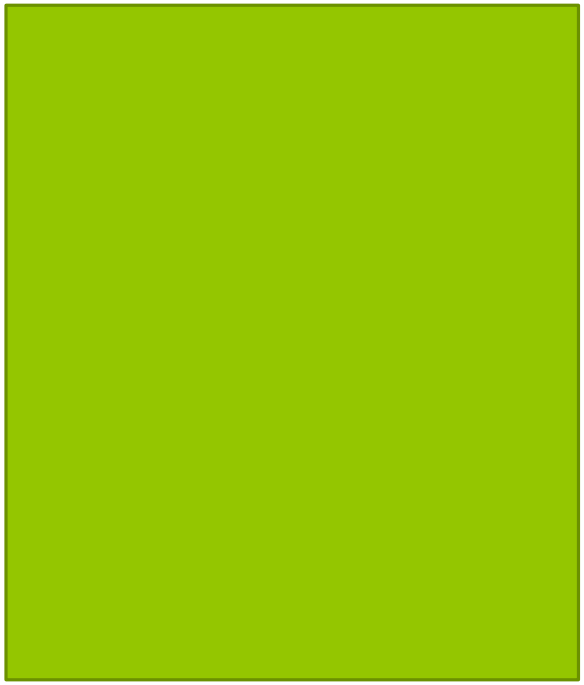
Identify a pair of parallel sides



88. Draw and label the figure.

line KG

89. Find the area.



90. Fill in the missing numbers in the pattern.

- The rule is +10.

87, _____, _____, _____, _____, _____

91. Tell if the figure has parallel lines, perpendicular lines, or neither.

92. Solve.

- Natalia is 25 years old. Terry is 5 years older than Natalia. Suzanne is 8 years younger than Terry. How old is Suzanne?

93. Write *true* or *false*.

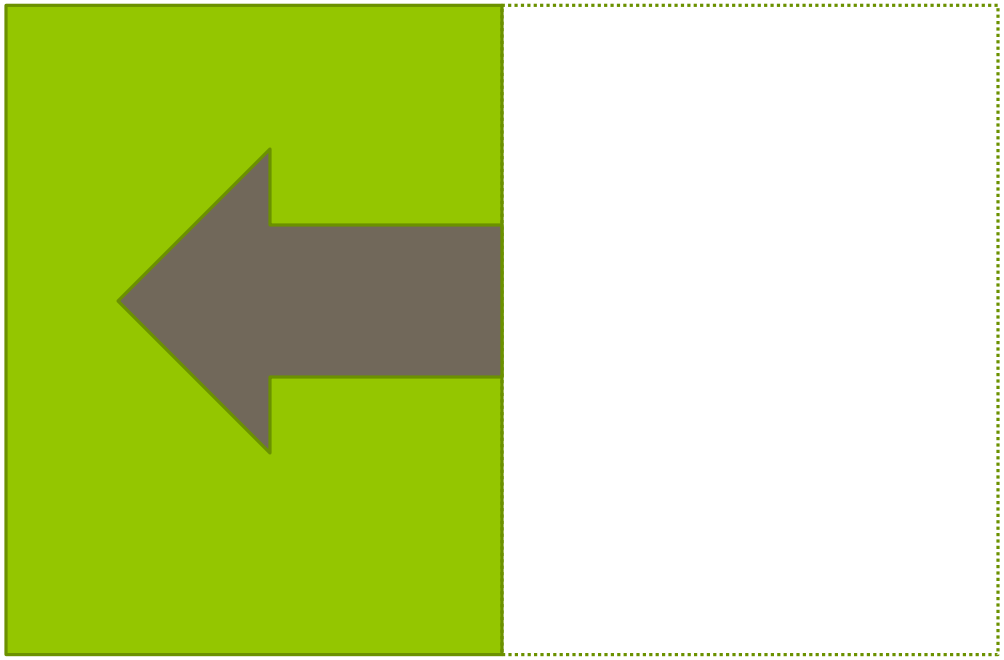
- 81 is a multiple of 9.

94. Choose the best answer.

Name the polygon that does **not** always have two pairs of parallel sides.

A. square
B. trapezoid
C. rectangle
D. parallelogram

95. Tammy and Kim were playing a symmetric game. Tammy drew her design on the left side.



Draw what you think Kim needs to draw in order to make this design symmetric.

96. Convert.

4 yd = ____ in

97. Compare. Write >, <, or =.

$$\frac{4}{5} \quad \bigcirc \quad \frac{5}{6}$$

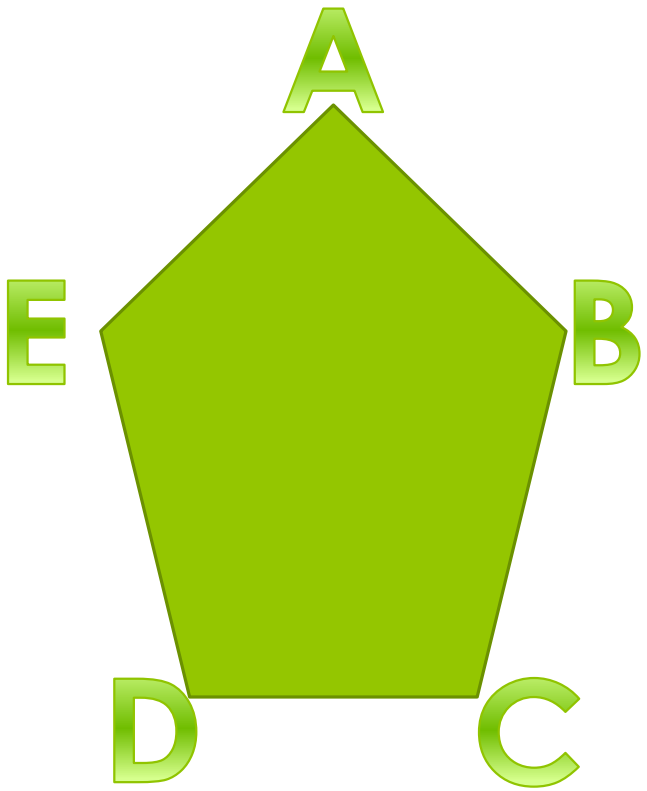
98. Round the number to each place.

805,346

- Nearest hundred ____
- Nearest thousand ____
- Nearest ten thousand ____

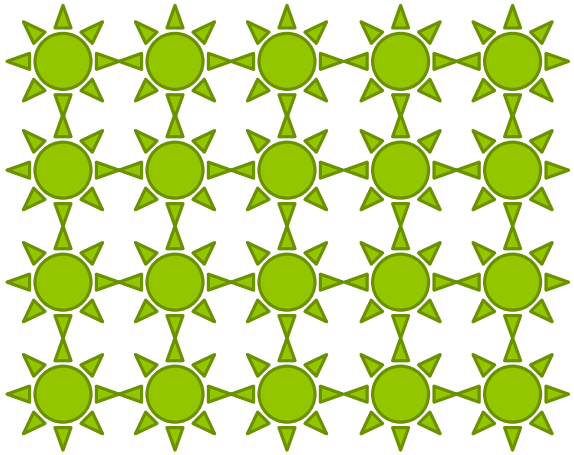
99. Use the figure to answer the question.

Identify an acute angle



100. Use the diagram to complete the sentence.

- _____ is 4 times as many as ____.



101. Choose the best answer.

Which of the following is a right triangle?

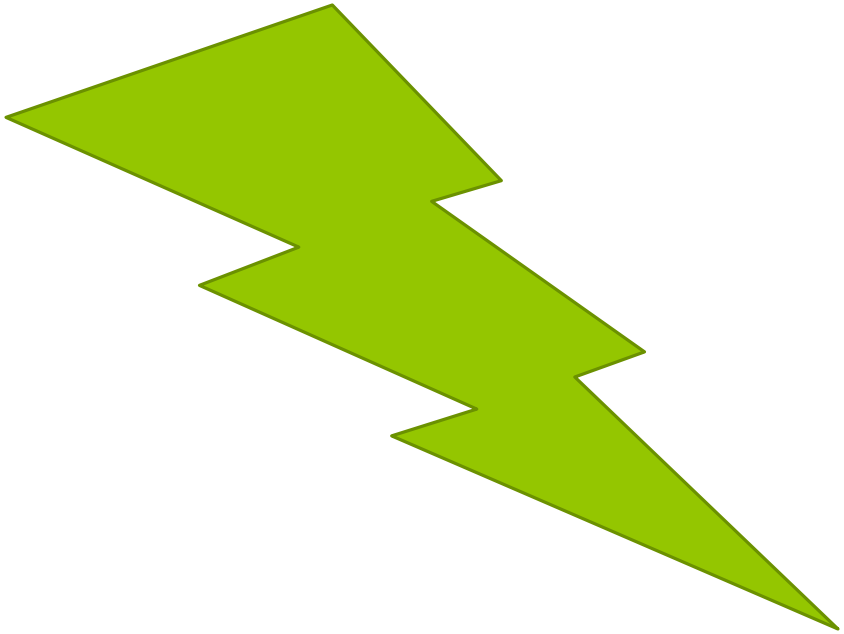
A. 

B. 

C. 

D. 

102. Tell if the figure has parallel lines, perpendicular lines, or neither.



103. Fill in the missing numbers in the pattern.

- The rule is +8.

54, _____, _____, _____, _____, _____

104. Multiply or divide.

$$6\overline{)2,603}$$

105. Look at the letters in the following word:

FOURTH GRADE

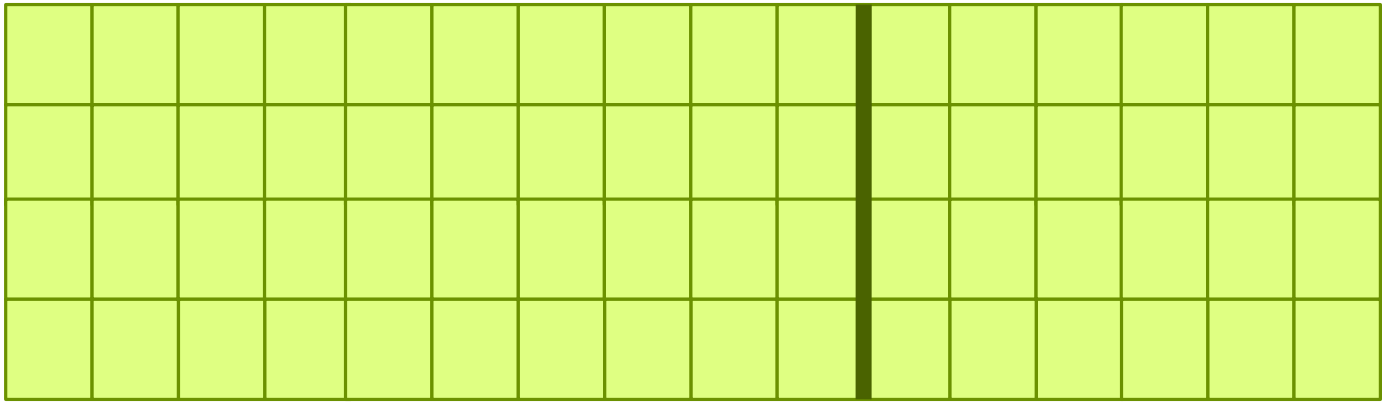
*Which letters have right angles? _____

*Which letters are symmetric? _____

106. Draw the figure.

A pair of perpendicular lines segments

107. Use the area model to find the product.



4 x 16 = _____

108. Multiply or divide.

$$4\overline{)3,863}$$

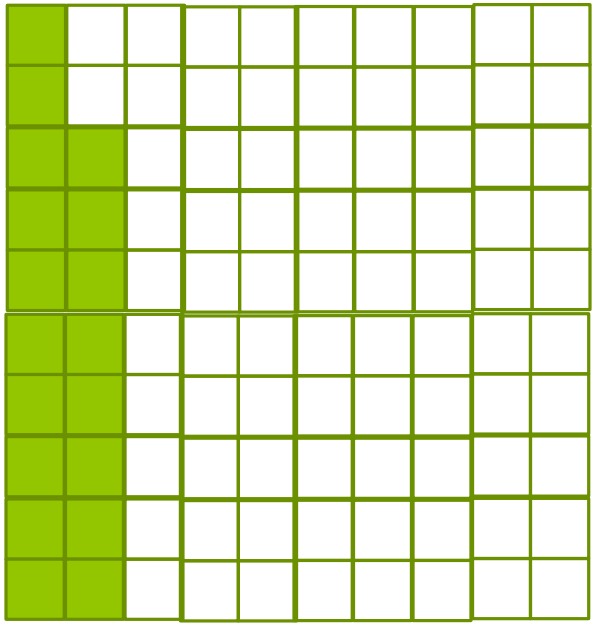
109. Convert.

5 m = ____ cm

110. Add or subtract.

$$\begin{array}{r} 83{,}000 \\ -\ \ 6{,}289 \\ \hline \end{array}$$

111. Write a fraction AND a decimal for the model.



112. Choose the best answer.

Jimmy went to football practice and ran a total of 1,500 meters before his break. After his break, he ran another 1 kilometer. How many meters long did Jimmy run during football practice?

A. 1,500 meters
B. 2,000 meters
C. 2,500 meters
D. 3,000 meters

113. Find the perimeter.

114. Choose the best answer.

Which fraction is greater than $\frac{1}{3}$?

A. $\frac{3}{6}$

B. $\frac{1}{4}$

C. $\frac{2}{3}$

D. $\frac{5}{12}$

115. Use the array to write the factor pairs.

- 11

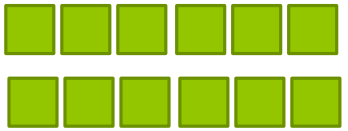
116. Round the number to each place.

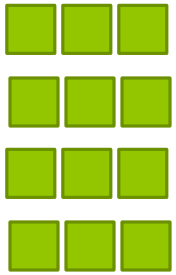
6,591

- Nearest ten ____
- Nearest hundred ____
- Nearest thousand ____

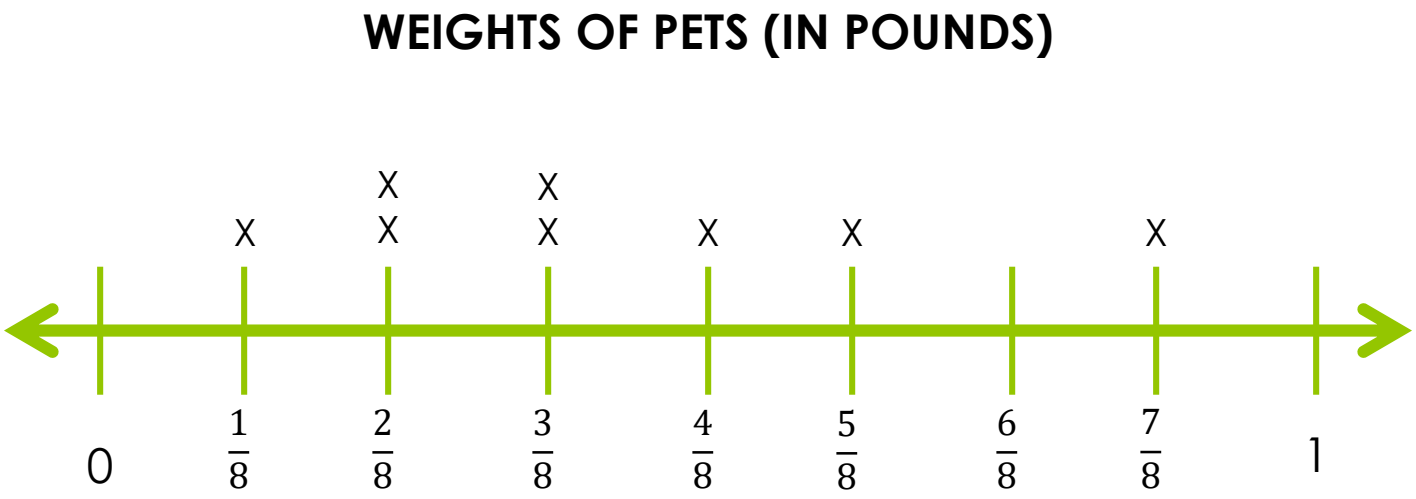
117. Use the arrays to write the factor pairs.

- 12





118. The line plot shows the weights of pets students have at their house.

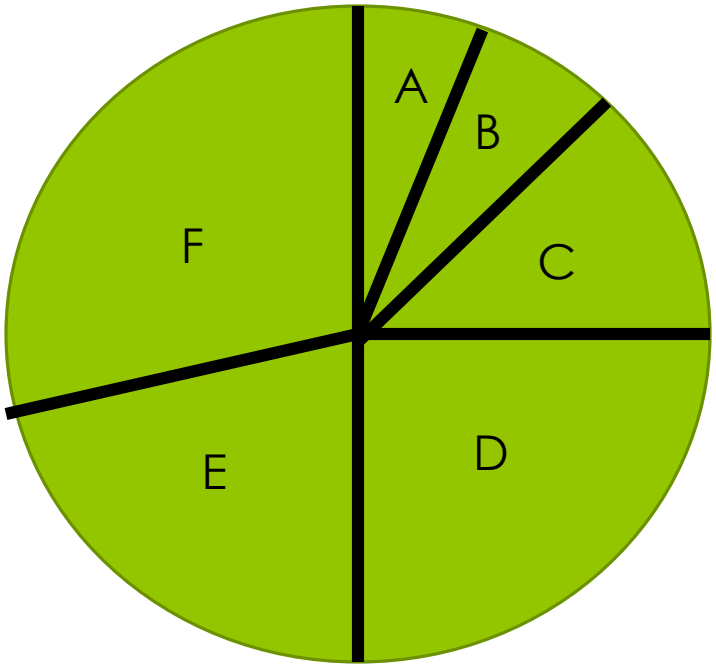


How many pets do the students have altogether?

119. Use the circle graph to answer the question.

Which section has an angle of 45°?

A. A
B. C
C. D
D. E



120. Convert.

9 gal = ___ qt

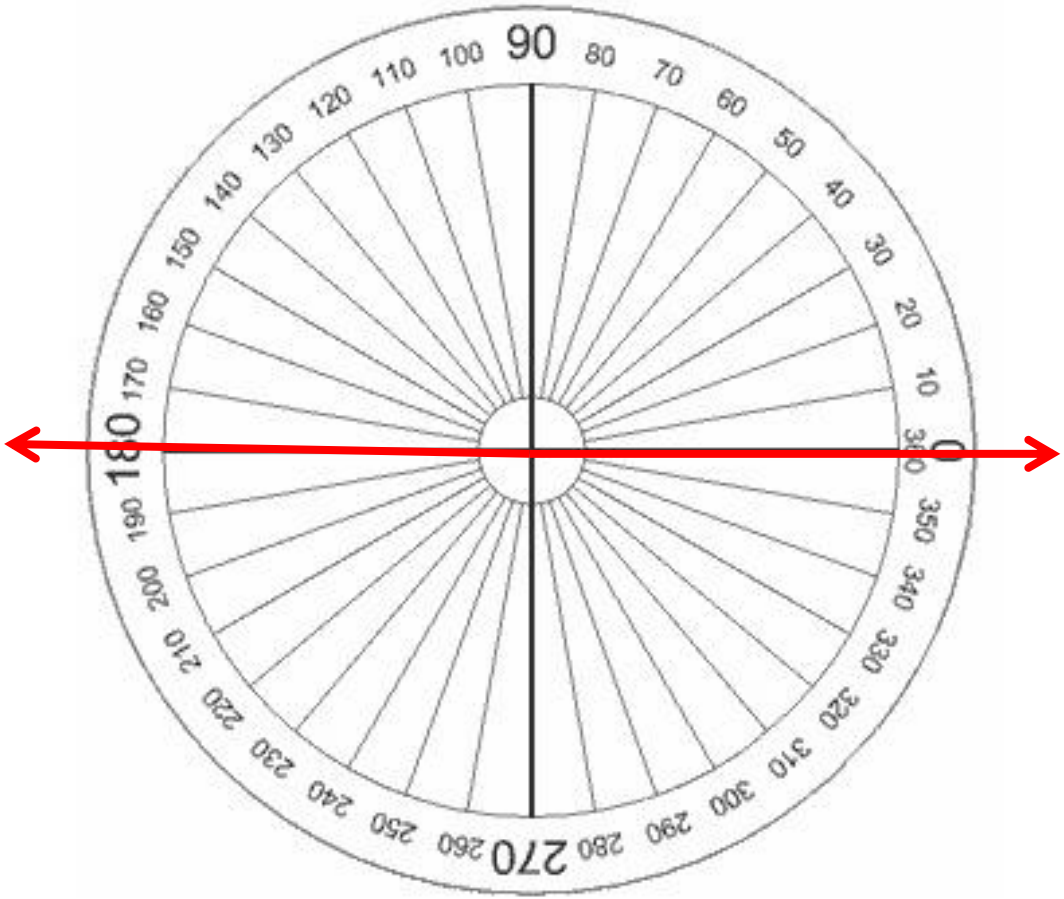
121. Solve.

- Marianna is baking cookies. Each cookie uses 5 ounces of chocolate chips. How many cookies can Marianna make with 85 ounces of cookies?

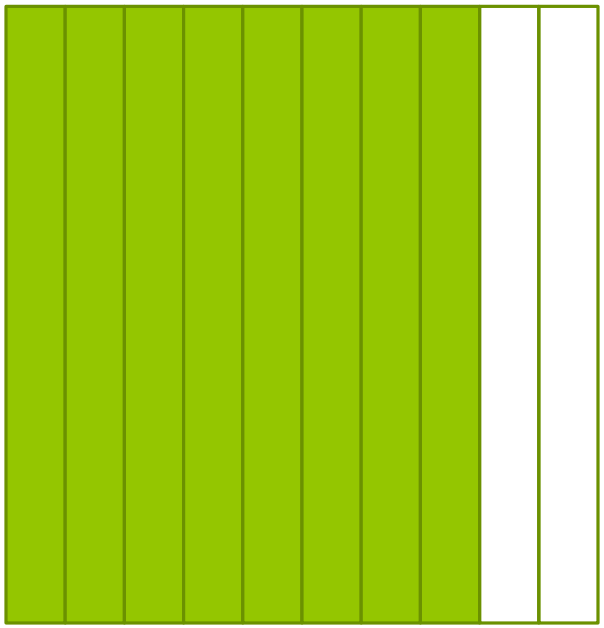
122. Draw and label the figure.

right angle WRT

123. Find the number of degrees in the measure of the angle.



124. Write a fraction AND a decimal for the model.

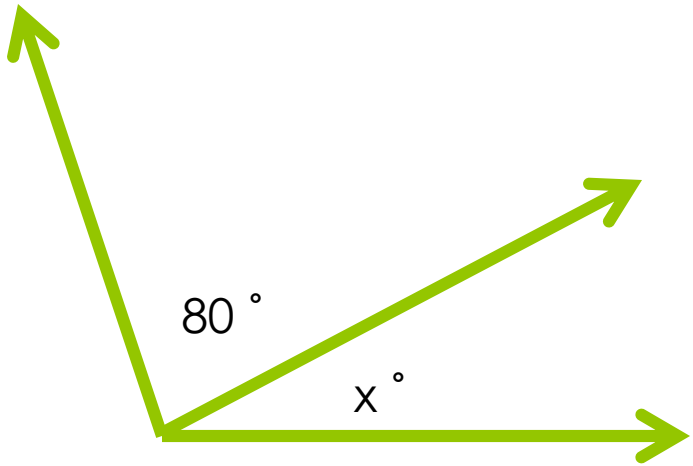


125. Add or Subtract.

$$2\frac{3}{6} + 2\frac{3}{6} = \_\_\_\_$$

126. Choose the best answer.

The angles in the figure below have a sum of 110 ˚.



What is the measure of angle x?

A. 190˚ B. 180˚ C. 80˚ D. 30˚

127. Convert.

6 hr = ___ min

128. Add or subtract.

$$\begin{array}{r} 95,648 \\ -\ 35,731 \\ \hline \end{array}$$

129. Solve.

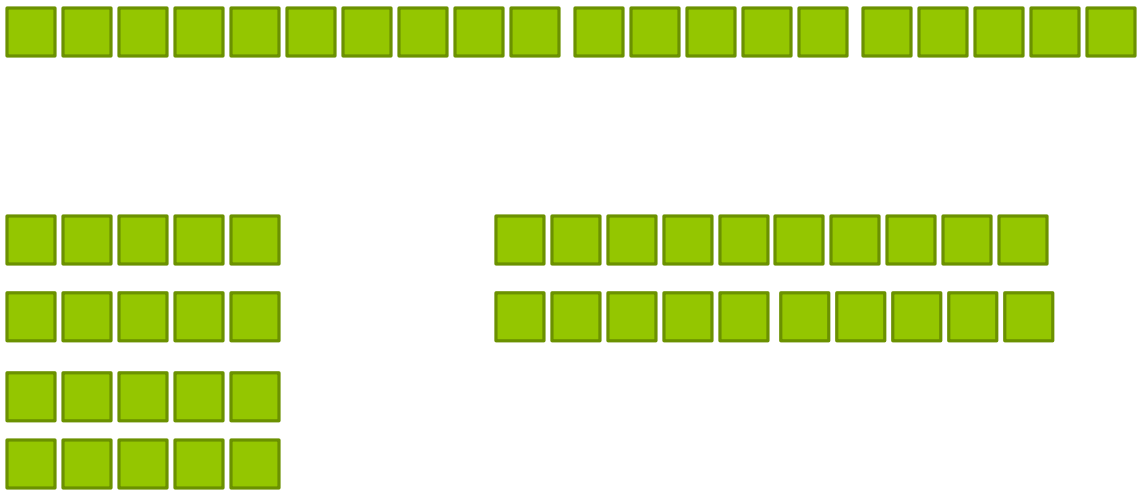
Tyson bought 100 inches of rope to mark off a square outside. What is the length of each side of his square?

130. Solve.

Cammie used a yardstick to measure her table. She found that the length of her table was 3 yards and its width was 2 yards. How can Cammie find how many square feet her table is?

131. Use the arrays to write the factor pairs.

- 20



132. Fill in the missing numbers in the pattern.

- The rule is -5.

37, _____, _____, _____, _____, _____

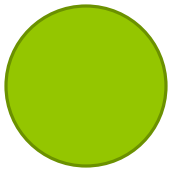
133. Find the perimeter.

134. Draw the next figure for the pattern.

135. Write *true* or *false*.

- 54 is a multiple of 9.

136. Compare. Write >, <, or =.

1.3  1.9

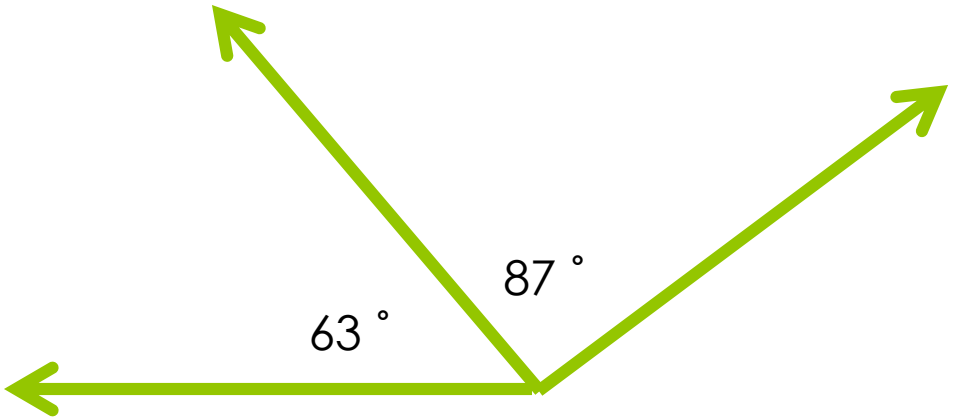
137. Fill in the missing multiples.

- Multiples of 7

7: 7, 14, _____, 28, _____, _____, 49, _____

138. Choose the best answer.

Look at the figure to the right.



What is the sum of the angles?

A. 63° B. 87° C. 150° D. 180°

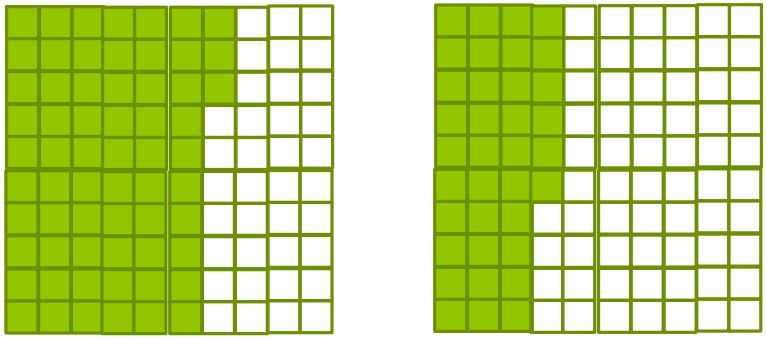
139. Write *prime* or *composite*.

- 81

140. Choose the best answer.

- Which equation means 42 is 6 times as many as 7 and 7 times as many as 8?
  - A) $42 = 7 \times 6$
  - B) $42 = 7 - 6$
  - C) $42 = 7 \div 6$
  - D) $42 = 7 + 6$

141. Compare. Write >, <, or =.



0.63 ● 0.36

142. Complete the following statement:

An angle that turns through $\frac{90}{360}$ of a circle is called a _____ angle.

143. Solve.

- All of the fourth-grade students at Sumter County Elementary School are going on a field trip. How many buses are needed for 37 girls and 43 boys if each bus seats 22 students?

144. Compare. Write <, >, or =.

84,341 ◯ 84,431

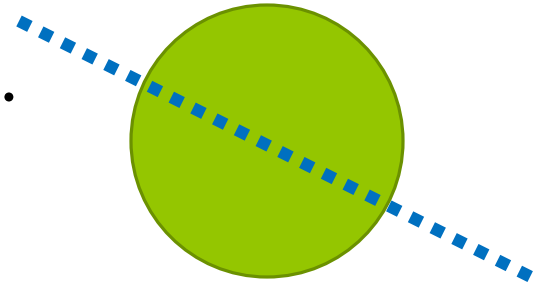
THOUSANDS			ONES		
Hundreds	Tens	Ones	Hundreds	Tens	Ones
	8	4	3	4	1
	8	4	4	3	1

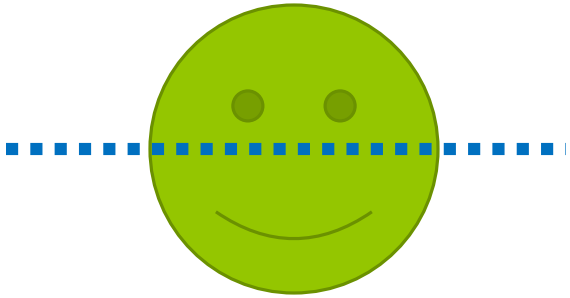
145. Compare. Write >, <, or =.

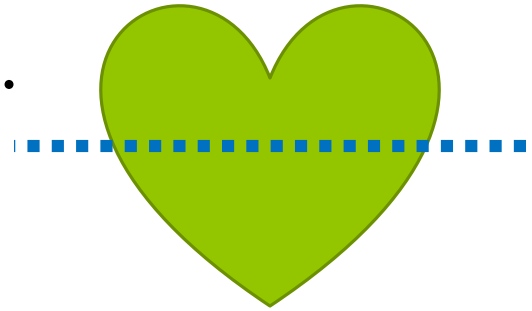
$\frac{2}{3}$ ● $\frac{1}{2}$

146. Choose the best answer.

In which figure is the dashed line a line of symmetry?

A. 

B. 

C. 

D.