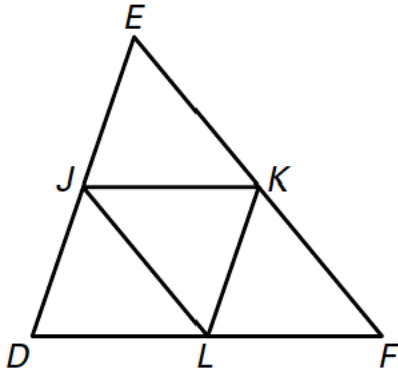## Honors Geometry Qtr 2 Practice from Chapters 5-8
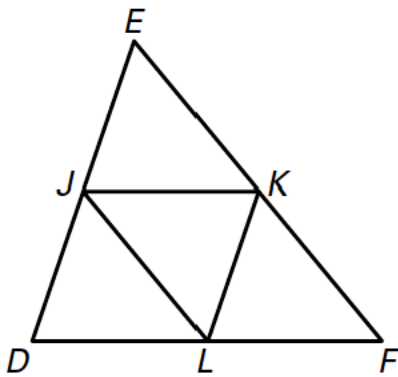
Short Answer

1. Use $\triangle DEF$, where J, K, and L are midpoints of the sides.

If $DE = 8x + 12$ and $KL = 10x - 9$, what is DE?

2. Use $\triangle DEF$, where J, K, and L are midpoints of the sides.
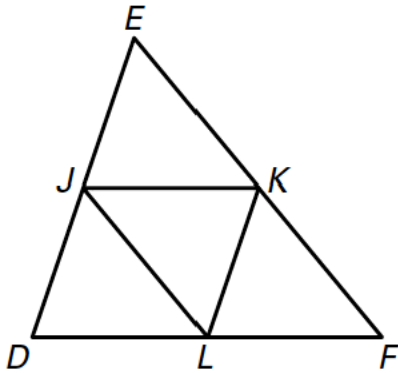

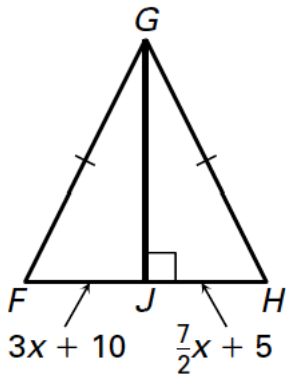If $JL = 7x - 6$ and $EF = 9x + 8$, what is EK?

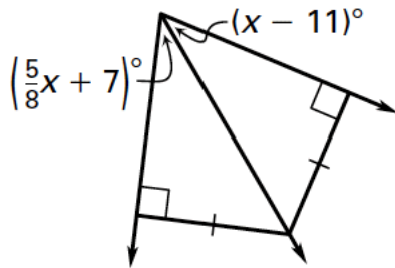3. Use $\triangle DEF$, where J, K, and L are midpoints of the sides.

If $DF = 18x - 6$ and $JK = 3x + 11$, what is JK?
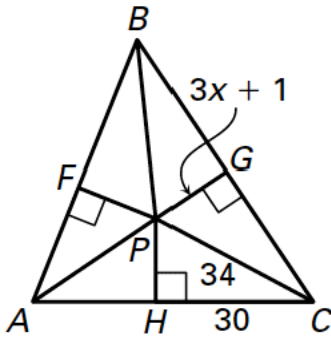
4. Find the value of x.

$3x + 10 \qquad \frac{7}{2}x + 5$

5. Find the value of x.

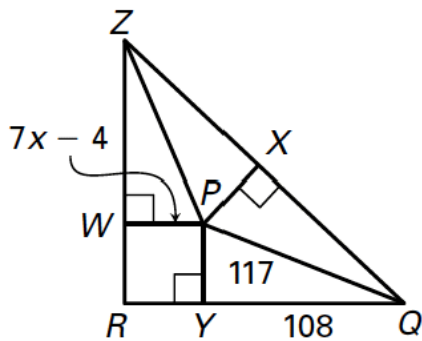
$(x - 11)°$

$\left(\frac{5}{8}x + 7\right)°$

6. Find the value of x that makes P the incenter of the triangle.

7. Find the value of x that makes P the incenter of the triangle.

8. Find the coordinates of the centroid P of $\triangle STU$.
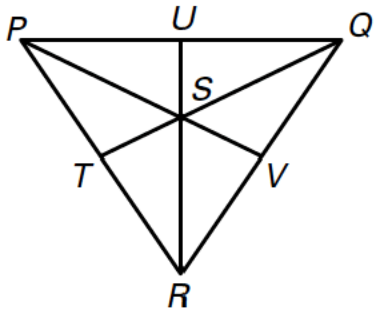
   $S(2, 5)$, $T(5, -2)$, $U(-1, -6)$

9. Find the coordinates of the centroid P of $\triangle STU$.

   $S(-1, 7)$, $T(5, -6)$, $U(-7, -4)$

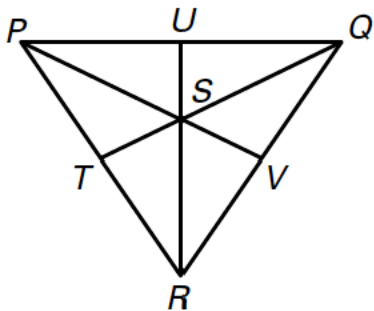10. Point S is the centroid of $\triangle PQR$. Use the given information to find the value of x.

$QS = 3x + 5$ and $QT = 4x + 11$

11. Point S is the centroid of $\triangle PQR$. Use the given information to find the value of x.

$VS = 3x - 2$ and $VP = 7x + 4$

12. Point S is the centroid of $\triangle PQR$. Use the given information to find the value of x.
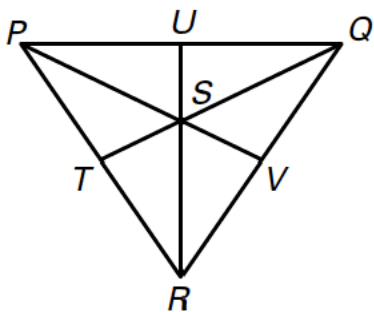
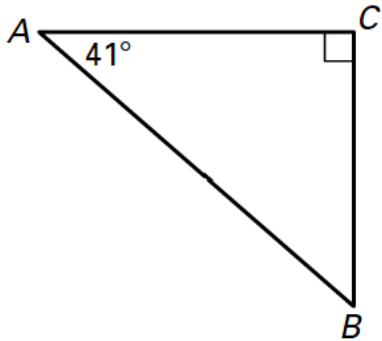

$RS = 4x + 1$ and $SU = 3x - 4$
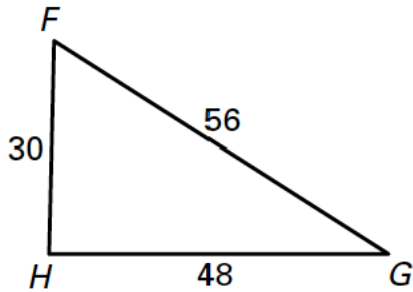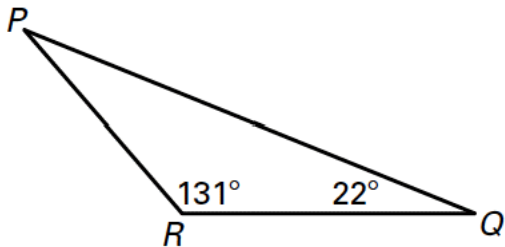
13. List the sides and angles in order from smallest to largest.

14. List the sides and angles in order from smallest to largest.

15. List the sides and the angles in order from smallest to largest.

16. List the sides and angles in order from smallest to largest.
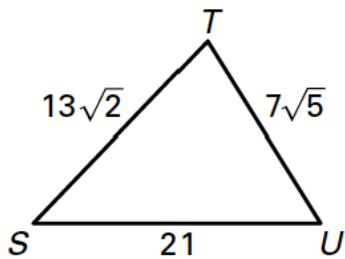
17. Is it possible to build a triangle using the given side lengths? If so, order the angle measures of the triangle from least to greatest.

$AB = \sqrt{73}$, $BC = 3\sqrt{10}$, $AC = 5\sqrt{7}$

18. Is it possible to build a triangle using the given side lengths? If so, order the angle measures of the triangle from least to greatest.

$JK = \sqrt{33}$, $KL = 4\sqrt{5}$, $JL = 9\sqrt{3}$

19. Complete the statement with <, >, or =.

$m\angle 1$__?__$m\angle 2$
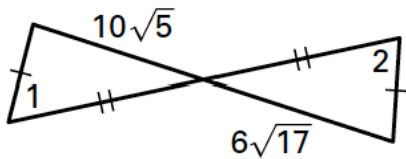
20. Complete the statement with <, >, or =.

PQ __?__ SR
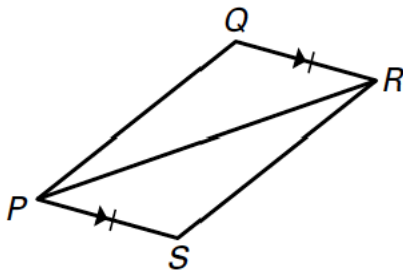
21. Use the Hinge Theorem or its converse and properties of triangles to write and solve an inequality to describe a restriction on the value of x.

22. Use the Hinge Theorem or its converse and properties of triangles to write and solve an inequality to describe a restriction on the value of x.
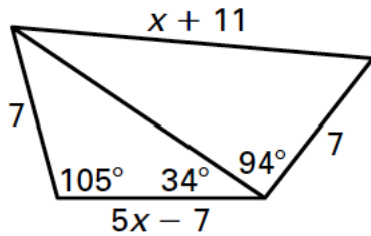
23. Given similar triangles, write the ratios of corresponding sides in a *statement of proportionality.*

    $\triangle EFG \sim \triangle QRS$

24. Given similar triangles, write the ratios of corresponding sides in a *statement of proportionality.*
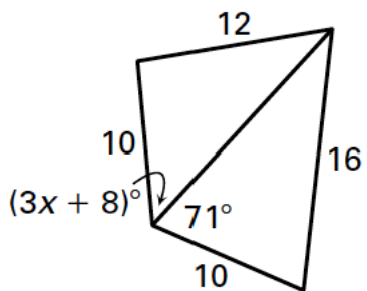
    $\triangle CBS \sim \triangle NQP$

25. Find the perimeter of polygon B given that polygon A and polygon B are similar.

    The ratio of corresponding sides of polygon A to polygon B is 3:4. The perimeter of polygon A is 12 meters.

26. Find the perimeter of polygon B given that polygon A and polygon B are similar.

    The ratio of corresponding sides of polygon A to polygon B is 2.5:1. The perimeter of polygon A is 10 feet.

27. Describe the dilation that moves $\triangle EFG$ onto $\triangle ERS$.
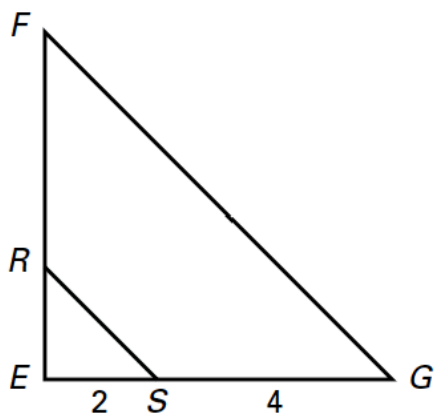
28. Describe the dilation that moves $\triangle EFG$ onto $\triangle ERS$.
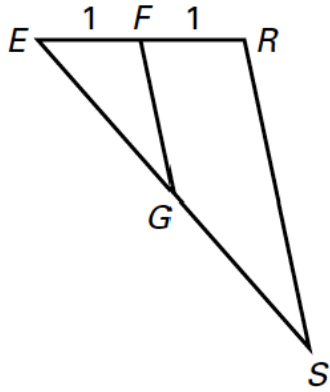
29. The lengths of the legs of right triangle *FGH* are 12 meters and 16 meters. The shortest side of $\triangle JKL$ is 2.4 meters and $\triangle JKL \sim \triangle FGH$. How long is the hypotenuse of $\triangle JKL$?

30. In the diagram, $\triangle LMN \sim \triangle PQR$.

    Find the scale factor of $\triangle PQR$ to $\triangle LMN$.
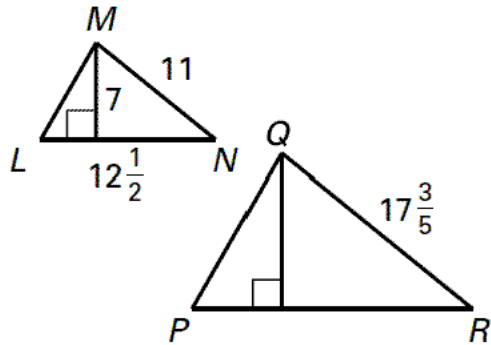
31. In the diagram, $\triangle LMN \sim \triangle PQR$.

    Find the length of the altitude shown in $\triangle PQR$.
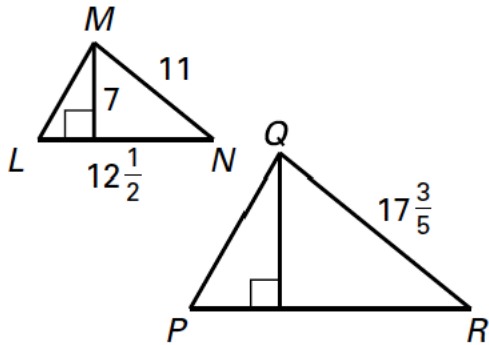
32. In the diagram, $\triangle LMN \sim \triangle PQR$.

    Estimate the lengths of LM and PQ. Round your answers to the nearest tenth.
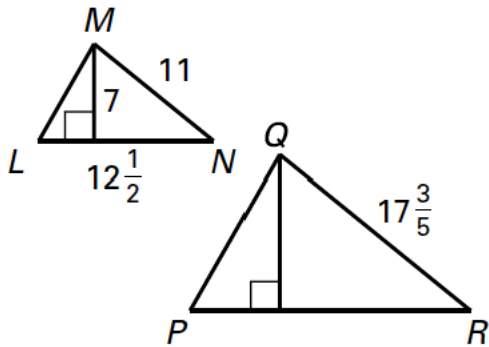
33. Determine whether the triangles are similar. If they are, write a similarity statement.
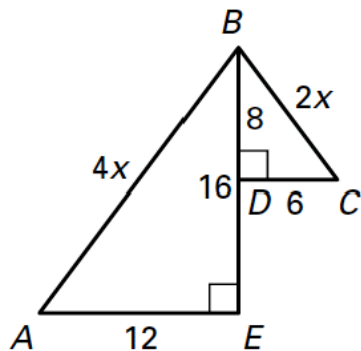
34. Determine whether the triangles are similar. If they are, write a similarity statement.
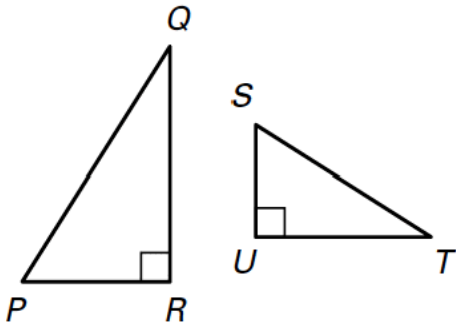
35. Determine whether the triangles are similar. If they are, write a similarity statement.
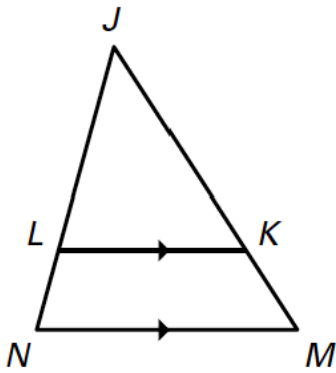
36. Determine whether the triangles are similar. If they are, write a similarity statement.
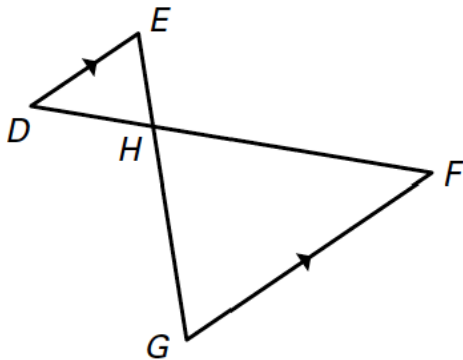
37. Find the value of x.
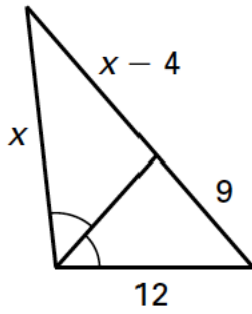
38. Find the value of x.
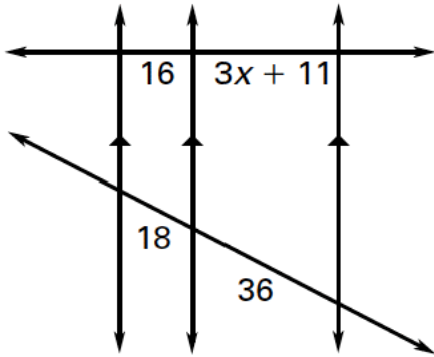
39. Find the value of x.
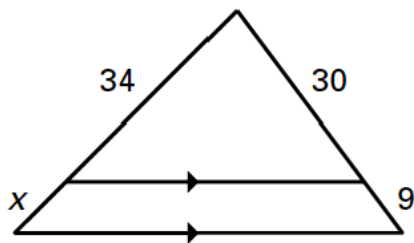
40. Find the value of x.
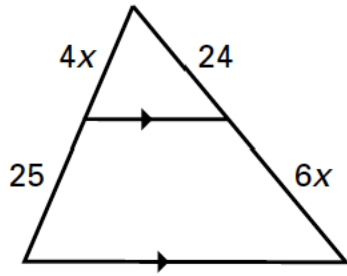
41. Draw a dilation of the polygon with the given vertices using the given scale factor k.

$A(-12,-6), B(-B,-3), C(-3,6), D(-12,6); \dfrac{1}{6}$
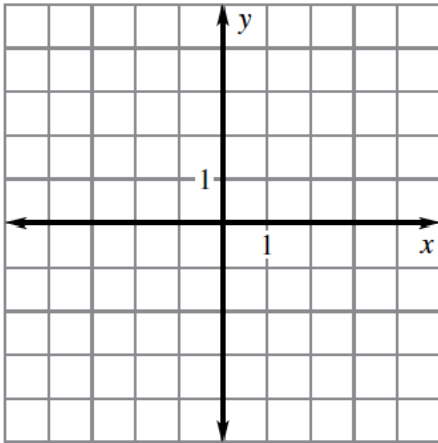
42. Draw a dilation of the polygon with the given vertices using the given scale factor k.

$A(0,0), B(0,2), C(2,2), D(4,0); k = 2.25$
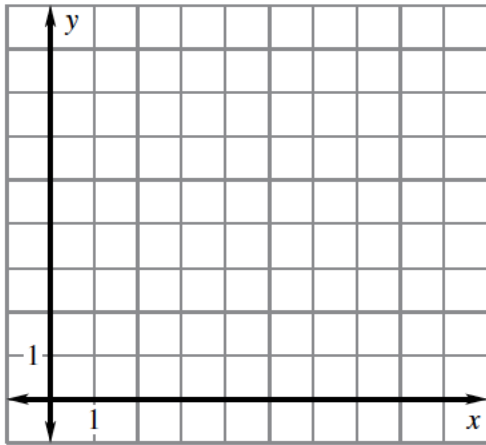
43. You take 450 U.S. dollars to the bank to exchange for European euros. The exchange rate on that day is about 0.82 euros per U.S. dollar. How many European euros did you get for the 450 U.S. dollars?

44. **Find the value of x. Write your answer in simplest radical form.**
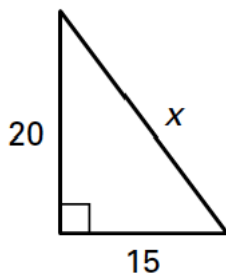
45. **Find the value of x. Write your answer in simplest radical form.**
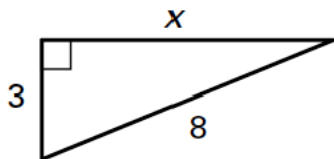
46. **Find the value of *x*. Write your answer in simplest radical form.**
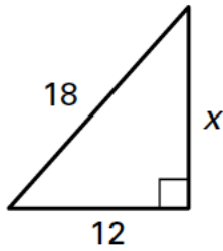
47. **Find the value of *x*. Write your answer in simplest radical form.**
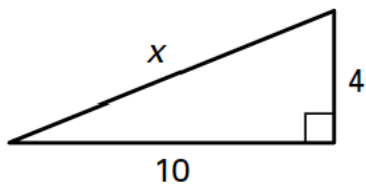
48. **Classify the triangle as *acute, right,* or *obtuse.***

   5, 7, 9

49. **Classify the triangle as *acute, right,* or *obtuse.***

   3, 5, $\sqrt{34}$

50. **Classify the triangle as *acute, right,* or *obtuse.***

   3.1, 4.5, 5.2

51. **Classify the triangle as *acute, right,* or *obtuse.***

   9, 15, $10\sqrt{3}$

52. **Find the exact value of *x*.**
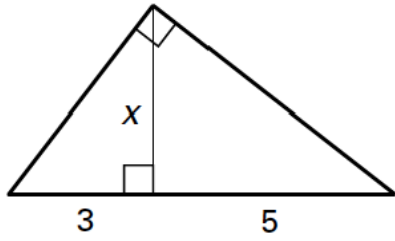
53. **Find the exact value of *x*.**
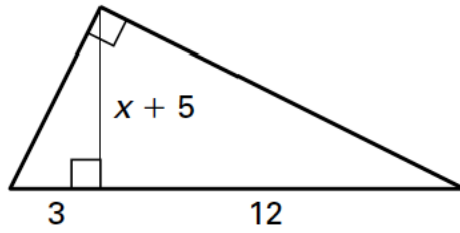
54. **Find the exact value of *x*.**
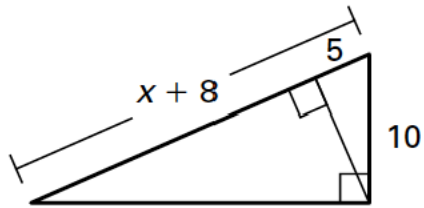
55. **Find the exact value of *x*.**
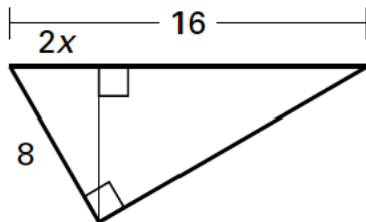
56. **Find the value of each variable. Write your answer in simplest radical form.**
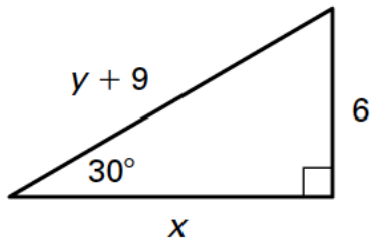
57. **Find the value of each variable. Write your answer in simplest radical form.**
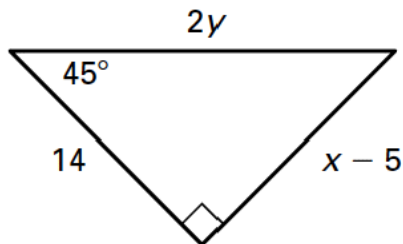
58. **Find the value of each variable. Write your answer in simplest radical form.**
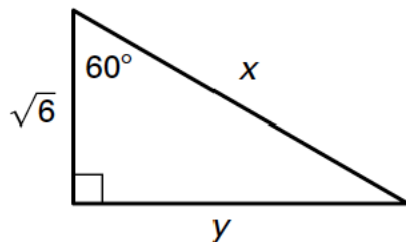
59. **Find the value of each variable. Write your answer in simplest radical form.**
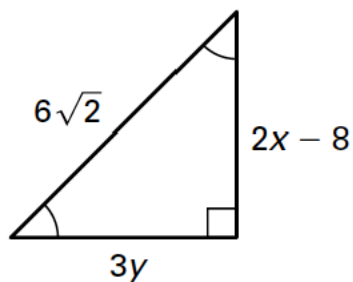
60. **Find the value of x. Round your answer to the nearest tenth.**
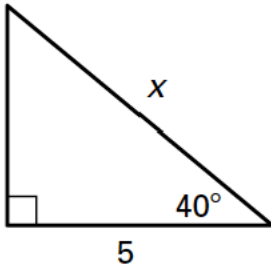
61. **Find the value of x. Round your answer to the nearest tenth.**
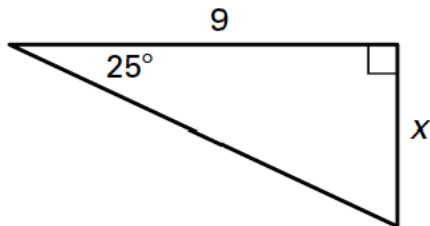
62. **Find the value of x. Round your answer to the nearest tenth.**
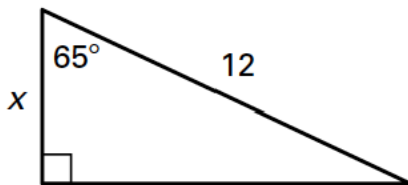
63. **Find the value of x. Round your answer to the nearest tenth.**
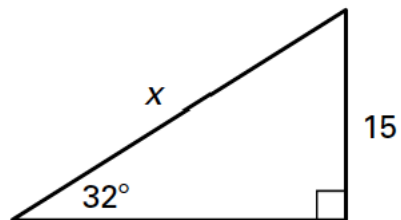
64. **Find the value of *x*. Round your answer to the nearest tenth.**
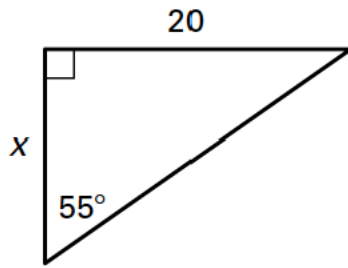
65. **Find the value of *x*. Round your answer to the nearest tenth.**
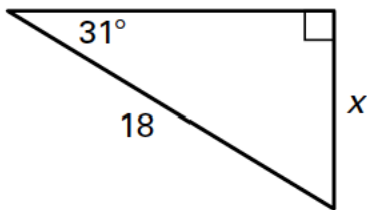
66. **Solve the right triangle. Round your answer to the nearest tenth.**
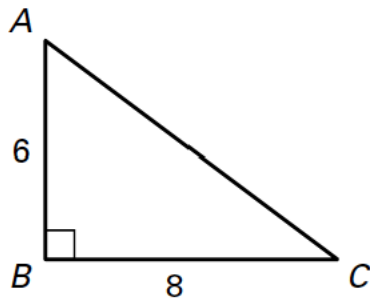
67. **Solve the right triangle. Round your answer to the nearest tenth.**
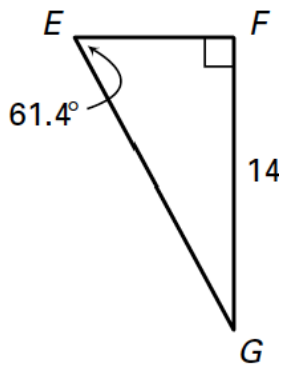
68. A balloon rises to the ceiling of a gymnasium. You want to find the distance from the ground to the balloon. You use a cardboard square to line up the balloon and the ground. Your friend measures the vertical distance from the ground to your eye and the distance from you to the gym wall. Approximate the distance from the ground to the balloon.

State Champs
Basketball 2005

State Champs
Football 2004

8 ft

4 ft

69. Find the value of x.

155°

$(x + 10)°$

98°

120°

100° 140°
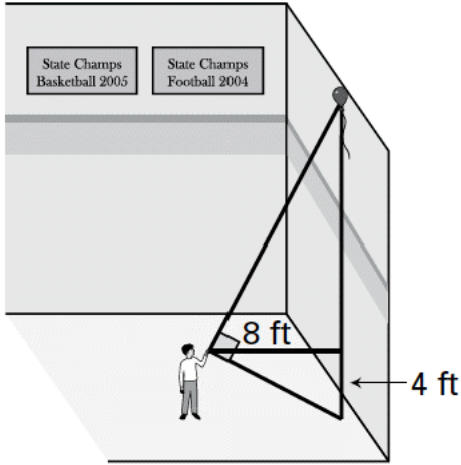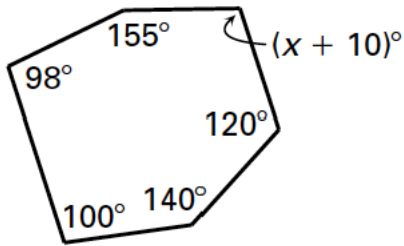
70. Find the value of x.

112°   80°

2x°

x°   138°

19
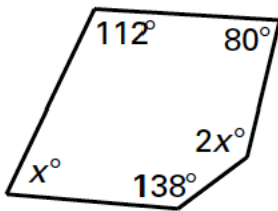
71. Find the value of x.
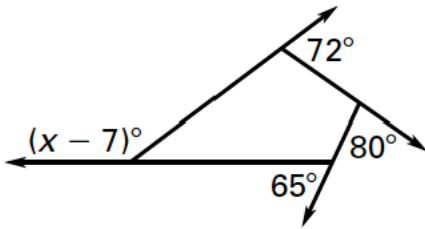
72. Find the value of x.
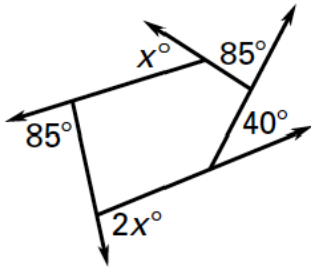
73. Find the value of x in the parallelogram.
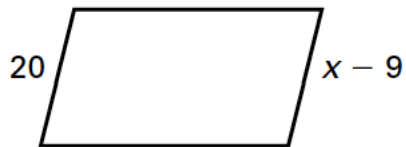
74. Find the value of x in the parallelogram.
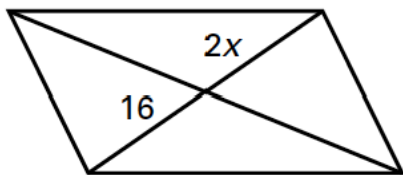
75. Find the value of x in the parallelogram.
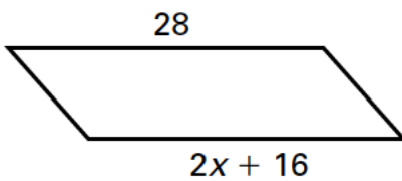
76. Find the value of x in the parallelogram.
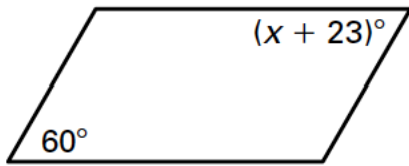
77. Find the value of x in the parallelogram.
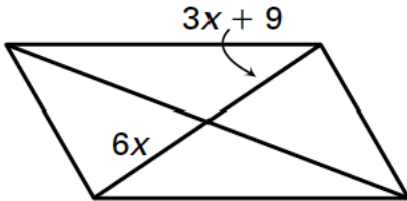
78. Find the value of x in the parallelogram.
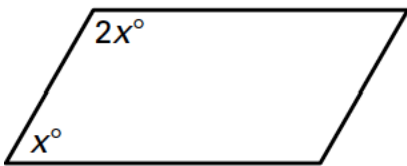
79. Three of the $\square ABCD$ are given. Find the coordinates of point D.

$A(3, 6), B(6, 7), C(6, 3), D(x, y)$

80. Three of the $\square ABCD$ are given. Find the coordinates of point D.

$A(-3, -4), B(-3, 2), C(-1, 4), D(x, y)$

81. Three of the $\square ABCD$ are given. Find the coordinates of point D.

$A(6, 0), B(0, 4), C(-4, 2), D(x, y)$

82. Three of the $\square ABCD$ are given. Find the coordinates of point D.

$A(-1, 0), B(4, -1), C(2, -4), D(x, y)$

83. For any rectangle *CMXZ*, decide whether the statement is *always, sometimes,* or *never* true.

$\overline{CM} \cong \overline{MX}$

84. For any rectangle *CMXZ*, decide whether the statement is *always, sometimes,* or *never* true.

$\overline{ZX} \cong \overline{CM}$

85. For any rectangle *CMXZ*, decide whether the statement is *always, sometimes,* or *never* true.

$\angle Z \cong \angle M$

86. For any rectangle *CMXZ*, decide whether the statement is *always, sometimes,* or *never* true.

$\overline{ZM} \cong \overline{CX}$

87. For any rectangle *CMXZ*, decide whether the statement is *always, sometimes,* or *never* true.

$\overline{CM} \perp \overline{ZX}$

88. For any rectangle *CMXZ*, decide whether the statement is *always, sometimes,* or *never* true.

$\angle CMZ \cong \angle XZM$

89. Find the value of *x*.
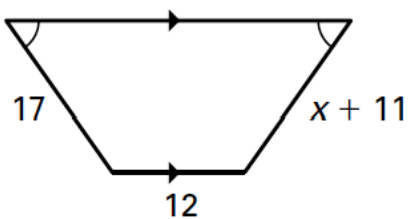
90. Find the value of *x*.
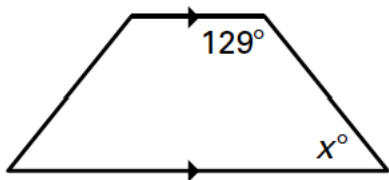
91. Find the value of x.
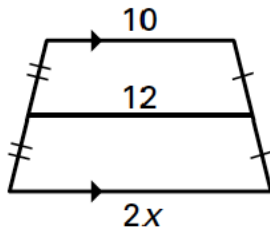
92. Find the value of x.
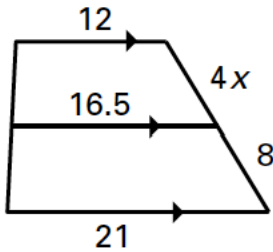
93. Give the most specific name for the quadrilateral.
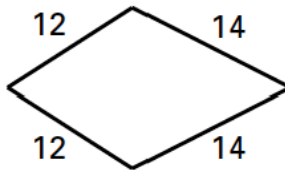
94. Give the most specific name for the quadrilateral.
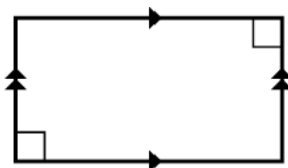
95. Give the most specific name for the quadrilateral.
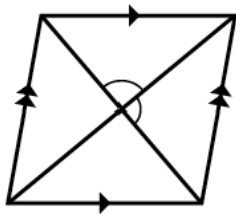
96. Give the most specific name for the quadrilateral.
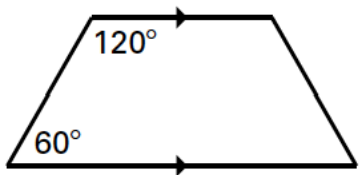
97. In the kite shown, $m\angle ADC = 105°$ and $m\angle DAB = 100°$. Find $m\angle DCB$.
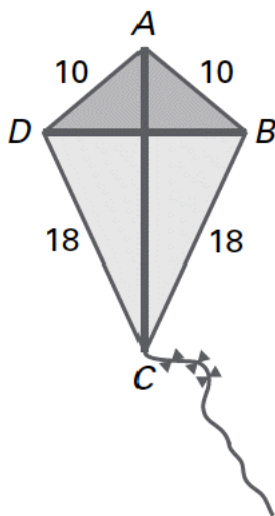
Honors Geometry Qtr 2 Practice from Chapters 5-8
Answer Section

SHORT ANSWER

1. ANS:
   32

   PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
   MSC: DOK 2

2. ANS:
   22

   PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
   MSC: DOK 2

3. ANS:
   18

   PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
   MSC: DOK 2

4. ANS:
   $x = 10$

   PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
   MSC: DOK 2

5. ANS:
   $x = 48$

   PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
   MSC: DOK 2

6. ANS:
   $x = 5$

   PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
   MSC: DOK 2

7. ANS:
   $x = 7$

   PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
   MSC: DOK 2

8. ANS:
   $\left(2, -1\right)$

   PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
   MSC: DOK 2

9. ANS:
$$\left(-1, -1\right)$$

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

10. ANS:
$x = 7$

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 1

11. ANS:
$x = 5$

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

12. ANS:
$$x = \frac{9}{2}$$

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

13. ANS:
$\overline{BC}, \overline{AC}, \overline{AB}$; $\angle A, \angle B, \angle C$

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

14. ANS:
$\overline{FH}, \overline{HG}, \overline{FG}$; $\angle G, \angle F, \angle H$

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

15. ANS:
$\overline{PR}, \overline{QR}, \overline{PQ}$; $\angle Q, \angle P, \angle R$

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

16. ANS:
$\overline{TU}, \overline{ST}, \overline{SU}$; $\angle S, \angle U, \angle T$

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

17. ANS:
yes; $\angle C, \angle A, \angle B$

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

18. ANS:
no

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

19. ANS:
<

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

20. ANS:
=

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

21. ANS:
$x < 21$

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

22. ANS:
$x < \dfrac{9}{2}$

PTS: 1   DIF: Level C   TOP: Chapter 5 Test, Form C
MSC: DOK 2

23. ANS:
$\dfrac{EF}{QR} = \dfrac{FG}{RS} = \dfrac{GE}{SQ}$

PTS: 1   DIF: Level C   TOP: Chapter 6 Test, Form C
MSC: DOK 2

24. ANS:
$\dfrac{CB}{NQ} = \dfrac{BS}{QP} = \dfrac{SC}{PN}$

PTS: 1   DIF: Level C   TOP: Chapter 6 Test, Form C
MSC: DOK 2

25. ANS:
16 m

PTS: 1   DIF: Level C   TOP: Chapter 6 Test, Form C
MSC: DOK 2

26. ANS:
    4 ft

    PTS: 1   DIF: Level C   TOP: Chapter 6 Test, Form C
    MSC: DOK 2
27. ANS:
    The figure shows a dilation with center E and scale factor $\frac{1}{3}$.

    PTS: 1   DIF: Level C   TOP: Chapter 6 Test, Form C
    MSC: DOK 2
28. ANS:
    The figure shows dilation with center E and scale factor 2.

    PTS: 1   DIF: Level C   TOP: Chapter 6 Test, Form C
    MSC: DOK 2
29. ANS:
    4 m

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2
30. ANS:
    $\frac{8}{5}$

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2
31. ANS:
    $11\frac{1}{5}$

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2
32. ANS:
    $LM = 8.1, PQ = 13.0$

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2
33. ANS:
    similar; $\triangle ABE \sim \triangle CBD$

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2

34. ANS:
    not similar

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2
35. ANS:
    similar; $\triangle JKL \sim \triangle JMN$

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2
36. ANS:
    similar; $\triangle EHD \sim GHF$

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2
37. ANS:
    $x = 16$

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2
38. ANS:
    $x = 7$

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2
39. ANS:
    $x = 10.2$

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2
40. ANS:
    $x = 5$

    PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 6 Test, Form C   MSC: DOK 2

41. ANS:
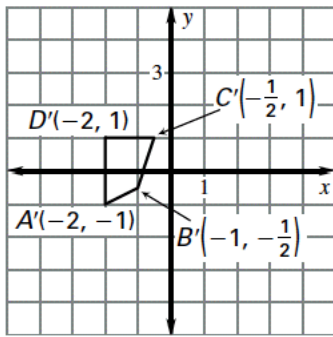
PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.CO.2
TOP: Chapter 6 Test, Form C   MSC: DOK 2

42. ANS:
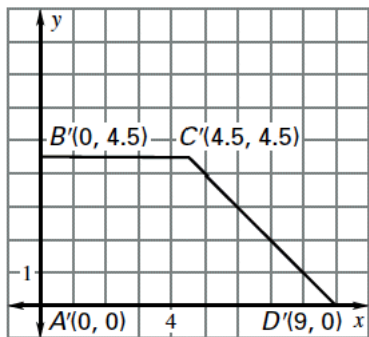
PTS: 1   DIF: Level C   NAT: NT.CCSS.MTH.10.9-12.G.CO.2
TOP: Chapter 6 Test, Form C   MSC: DOK 2

43. ANS:
$369

PTS: 1   DIF: Level C   TOP: Chapter 6 Test, Form C
MSC: DOK 2

44. ANS:
25

PTS: 1   DIF: Level B   NAT: NT.CCSS.MTH.10.8.8.G.7
TOP: Chapter 7 Test, Form B   MSC: DOK 1

45. ANS:
$\sqrt{55}$

PTS: 1   DIF: Level B   NAT: NT.CCSS.MTH.10.8.8.G.7
TOP: Chapter 7 Test, Form B   MSC: DOK 1

46. ANS:
$6\sqrt{5}$

PTS: 1   DIF: Level B   NAT: NT.CCSS.MTH.10.8.8.G.7
TOP: Chapter 7 Test, Form B   MSC: DOK 1

47. ANS:
$2\sqrt{29}$

PTS: 1   DIF: Level B   NAT: NT.CCSS.MTH.10.8.8.G.7
TOP: Chapter 7 Test, Form B   MSC: DOK 1

48. ANS:
obtuse

PTS: 1   DIF: Level B   TOP: Chapter 7 Test, Form B
MSC: DOK 2

49. ANS:
right

PTS: 1   DIF: Level B   TOP: Chapter 7 Test, Form B
MSC: DOK 2

50. ANS:
acute

PTS: 1   DIF: Level B   TOP: Chapter 7 Test, Form B
MSC: DOK 2

51. ANS:
acute

PTS: 1   DIF: Level B   TOP: Chapter 7 Test, Form B
MSC: DOK 2

52. ANS:
$\sqrt{15}$

PTS: 1   DIF: Level B   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
TOP: Chapter 7 Test, Form B   MSC: DOK 1

53. ANS:
1

PTS: 1   DIF: Level B   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
TOP: Chapter 7 Test, Form B   MSC: DOK 1

54. ANS:
12

PTS: 1   DIF: Level B   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
TOP: Chapter 7 Test, Form B   MSC: DOK 1

55. ANS:
2

PTS: 1 DIF: Level B NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
TOP: Chapter 7 Test, Form B MSC: DOK 1

56. ANS:
$x = 6\sqrt{3}, y = 3$

PTS: 1 DIF: Level B TOP: Chapter 7 Test, Form B
MSC: DOK 1

57. ANS:
$x = 19, y = 7\sqrt{2}$

PTS: 1 DIF: Level B TOP: Chapter 7 Test, Form B
MSC: DOK 1

58. ANS:
$x = 2\sqrt{6}, y = 3\sqrt{2}$

PTS: 1 DIF: Level B TOP: Chapter 7 Test, Form B
MSC: DOK 1

59. ANS:
$x = 7, y = 2$

PTS: 1 DIF: Level B TOP: Chapter 7 Test, Form B
MSC: DOK 1

60. ANS:
$x \approx 6.5$

PTS: 1 DIF: Level B TOP: Chapter 7 Test, Form B
MSC: DOK 1

61. ANS:
$x \approx 4.2$

PTS: 1 DIF: Level B TOP: Chapter 7 Test, Form B
MSC: DOK 1

62. ANS:
$x \approx 5.1$

PTS: 1 DIF: Level B TOP: Chapter 7 Test, Form B
MSC: DOK 1

63. ANS:
$x \approx 28.3$

PTS: 1 DIF: Level B TOP: Chapter 7 Test, Form B
MSC: DOK 1

64. ANS:
    $x \approx 14.0$

    PTS: 1   DIF: Level B   TOP: Chapter 7 Test, Form B
    MSC: DOK 1
65. ANS:
    $x \approx 9.3$

    PTS: 1   DIF: Level B   TOP: Chapter 7 Test, Form B
    MSC: DOK 1
66. ANS:
    $AC = 10$, $m\angle A \approx 53.1°$, $m\angle C \approx 36.9°$

    PTS: 1   DIF: Level B   TOP: Chapter 7 Test, Form B
    MSC: DOK 1
67. ANS:
    $EG \approx 16.5$, $EF \approx 7.9$, $m\angle G \approx 28.6°$

    PTS: 1   DIF: Level B   TOP: Chapter 7 Test, Form B
    MSC: DOK 1
68. ANS:
    20 ft

    PTS: 1   DIF: Level B   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 7 Test, Form B   MSC: DOK 2
69. ANS:
    97

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
70. ANS:
    70

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
71. ANS:
    150

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
72. ANS:
    50

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1

73. ANS:
    29

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
74. ANS:
    8

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
75. ANS:
    6

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
76. ANS:
    37

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
77. ANS:
    3

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
78. ANS:
    60

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
79. ANS:
    $(3, 2)$

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 2
80. ANS:
    $(-1, -2)$

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 2
81. ANS:
    $(2, -2)$

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 2

82. ANS:
$\left(-3, 3\right)$

PTS: 1 DIF: Level B TOP: Chapter 8 Test, Form B
MSC: DOK 2

83. ANS:
sometimes

PTS: 1 DIF: Level B TOP: Chapter 8 Test, Form B
MSC: DOK 1

84. ANS:
always

PTS: 1 DIF: Level B TOP: Chapter 8 Test, Form B
MSC: DOK 1

85. ANS:
always

PTS: 1 DIF: Level B TOP: Chapter 8 Test, Form B
MSC: DOK 1

86. ANS:
always

PTS: 1 DIF: Level B TOP: Chapter 8 Test, Form B
MSC: DOK 1

87. ANS:
never

PTS: 1 DIF: Level B TOP: Chapter 8 Test, Form B
MSC: DOK 1

88. ANS:
always

PTS: 1 DIF: Level B TOP: Chapter 8 Test, Form B
MSC: DOK 2

89. ANS:
6

PTS: 1 DIF: Level B TOP: Chapter 8 Test, Form B
MSC: DOK 1

90. ANS:
51

PTS: 1 DIF: Level B TOP: Chapter 8 Test, Form B
MSC: DOK 1

91. ANS:
    7

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
92. ANS:
    2

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 2
93. ANS:
    kite

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
94. ANS:
    rectangle

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
95. ANS:
    rhombus

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
96. ANS:
    trapezoid

    PTS: 1   DIF: Level B   TOP: Chapter 8 Test, Form B
    MSC: DOK 1
97. ANS:
    50°

    PTS: 1   DIF: Level B   NAT: NT.CCSS.MTH.10.9-12.G.SRT.5
    TOP: Chapter 8 Test, Form B   MSC: DOK 2