

Name: _____

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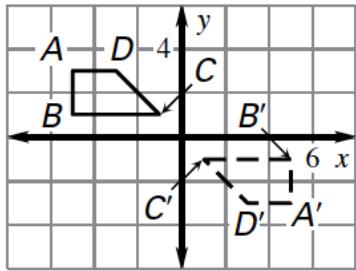
Seat: _____

ID: A

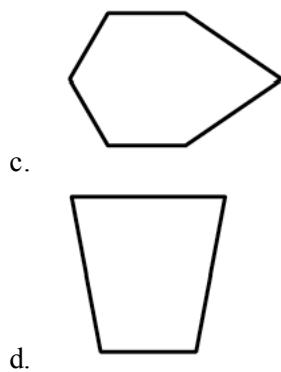
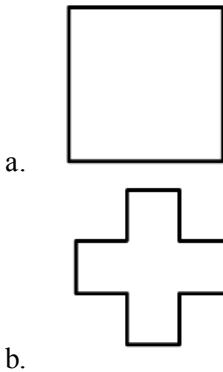
Qtr 3 Practice**Multiple Choice***Identify the choice that best completes the statement or answers the question.*

- ____ 1. What is the image of $P(11, -4)$ using the translation $(x, y) \rightarrow (x - 17, y + 2)$?
- a. $P'(-6, -2)$ c. $P'(-11, 4)$
 b. $P'(6, 2)$ d. $P'(-4, 11)$
- ____ 2. Points $F(2, 5)$, $G(4, 4)$, and $H(-1, -2)$ are the vertices of ΔFGH . Find the vertices of $\Delta F'G'H'$ by using the vector $\begin{pmatrix} -3 \\ -2 \end{pmatrix}$.
- a. $F'(-6, -10)$, $G'(-12, -8)$, $H'(3, 4)$ c. $F'(-1, 3)$, $G'(1, 2)$, $H'(-4, -4)$
 b. $F'(5, 7)$, $G'(7, 6)$, $H'(2, 0)$ d. $F'(0, 2)$, $G'(2, 1)$, $H'(-3, -5)$
- ____ 3. Add $\begin{bmatrix} 4 & -2 & 9 \\ -3 & 7 & 0 \\ 1 & 4 & 5 \end{bmatrix} + \begin{bmatrix} 0 & 3 & -4 \\ 6 & 1 & 8 \\ -2 & 1 & 5 \end{bmatrix}$
- a. $\begin{bmatrix} 4 & 1 & 5 \\ 3 & 8 & 8 \\ -1 & 5 & 10 \end{bmatrix}$ c. $\begin{bmatrix} 4 & -5 & 13 \\ -9 & 6 & -8 \\ 3 & 3 & 10 \end{bmatrix}$
 b. $\begin{bmatrix} 4 & 0 & -3 \\ 0 & 8 & 1 \\ -7 & 5 & 6 \end{bmatrix}$ d. $\begin{bmatrix} 4 & 5 & 13 \\ 9 & 8 & 8 \\ 3 & 5 & 10 \end{bmatrix}$
- ____ 4. Multiply $\begin{bmatrix} 6 \\ -1 \end{bmatrix} \begin{bmatrix} -3 & 2 \end{bmatrix}$.
- a. $\begin{bmatrix} -18 & 12 \\ 3 & -2 \end{bmatrix}$ c. $\begin{bmatrix} -6 \\ 1 \end{bmatrix}$
 b. $\begin{bmatrix} 3 & 8 \\ -4 & 1 \end{bmatrix}$ d. $[-20]$

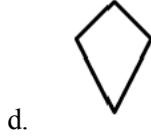
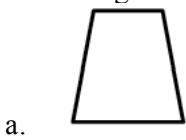
- ____ 5. Which statement is false?
- If (a, b) is reflected in the x -axis, its image is the point $(a, -b)$.
 - If (a, b) is reflected in the y -axis, its image is the point $(-a, b)$.
 - If (a, b) is reflected in the $y = x$, its image is the point (b, a) .
 - If (a, b) is reflected in the $y = -x$, its image is the point $(-a, -b)$.
- ____ 6. The vertices of ΔPQR are $P(3, -1)$, $Q(-2, 7)$, and $R(6, 5)$. Find the reflection matrix of $\Delta P'Q'R'$ in the line $y = x$.
- | | |
|---|--|
| a. $\begin{bmatrix} 1 & -7 & -5 \\ -3 & 2 & -6 \end{bmatrix}$ | c. $\begin{bmatrix} -3 & 2 & -6 \\ -1 & 7 & 5 \end{bmatrix}$ |
| b. $\begin{bmatrix} -1 & 7 & 5 \\ 3 & -2 & 6 \end{bmatrix}$ | d. $\begin{bmatrix} 3 & -2 & 6 \\ 1 & -7 & -5 \end{bmatrix}$ |
- ____ 7. Which statement describes the image?



- a. Reflection in the line $y = x$
 b. Rotation of 180° about point $(-1, 1)$
 c. Rotation of 180° about the origin
 d. Translation right two units, down 2 units
- ____ 8. Which of the following could make a regular tessellation?



____ 9. Which figure has rotational symmetry?



____ 10. The vertices of quadrilateral $EFGH$ are $E(-2, -1)$, $F(1, 2)$, $G(6, 0)$, and $H(2, -2)$. Find the scale factor if an image of $EFGH$ has vertices $E'\left(-3, -\frac{3}{2}\right)$, $F'\left(\frac{3}{2}, 3\right)$, $G'(9, 0)$, and $H'(3, -3)$.

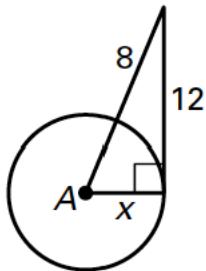
a. $\frac{2}{3}$

c. $-\frac{2}{3}$

b. $-\frac{3}{2}$

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

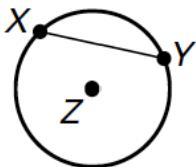
____ 11. Find radius x of $\odot A$.



a. 5
b. 3

c. 4
d. 6

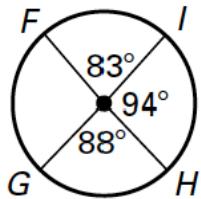
____ 12. Which term best describes \overline{XY} ?



a. tangent
b. secant

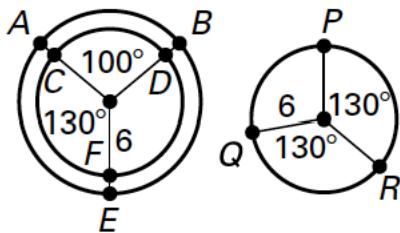
c. chord
d. diameter

____ 13. Find $m\widehat{FGH}$.



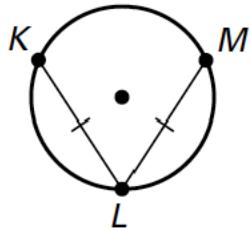
- a. 183°
b. 95°
c. 182°
d. 92°

____ 14. Which pair of arcs is congruent?



- a. $\widehat{AB} \cong \widehat{CD}$
b. $\widehat{AE} \cong \widehat{PR}$
c. $\widehat{BE} \cong \widehat{QR}$
d. $\widehat{CD} \cong \widehat{PQ}$

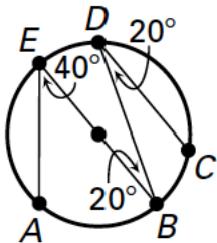
____ 15. If $m\widehat{KM} = 112^\circ$, find $m\widehat{LM}$.



- a. 100°
b. 124°
c. 112°
d. 236°

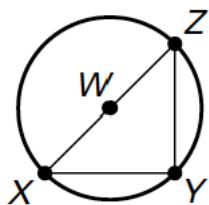
____ 16. In the same circle, or in congruent circles, two chords are congruent if and only if ____?_____.
 a. they are equidistant from the center
 b. they are parallel
 c. their endpoints form two pairs of congruent arcs
 d. the same diameter perpendicularly bisects both chords

____ 17. Find $m\widehat{AE}$ and $m\widehat{CD}$.



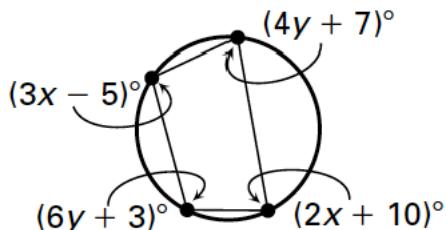
- | | |
|-------------------------|---------------------------|
| a. $80^\circ; 80^\circ$ | c. $100^\circ; 80^\circ$ |
| b. $40^\circ; 80^\circ$ | d. $100^\circ; 100^\circ$ |

____ 18. Which statement is not necessarily true of $\odot W$?



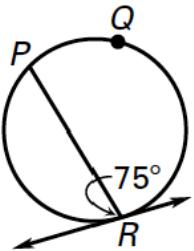
- | | |
|--|--|
| a. $m\angle XYZ = 90^\circ$ | c. $\overline{XY} \cong \overline{YZ}$ |
| b. $\overline{WZ} \cong \overline{WX}$ | d. $m\widehat{XYZ} = 180^\circ$ |

____ 19. Find x and y .



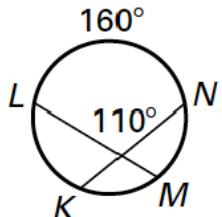
- | | |
|-------------|---------------------------------|
| a. $42; 10$ | c. $\frac{17}{2}, \frac{35}{2}$ |
| b. $35; 17$ | d. $21; 5$ |

____ 20. Find $m\widehat{PQR}$.



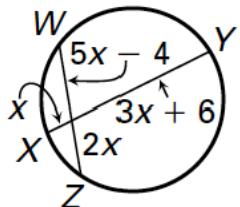
- a. 285°
b. 105°
c. 210°
d. 185°

____ 21. Find $m\widehat{KM}$.



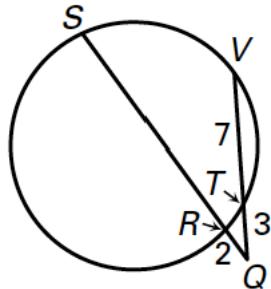
- a. 70°
b. 20°
c. 110°
d. 60°

____ 22. Find XY and WZ .



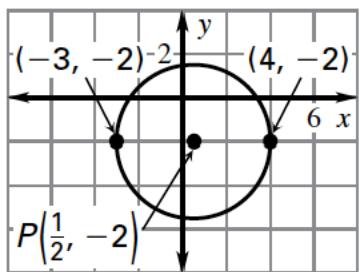
- a. $14; 10$
b. $12; 10$
c. $19\frac{1}{3}; 19\frac{1}{3}$
d. $8; 12$

____ 23. Find RS .



- a. 10
b. 8
c. 12
d. 13

____ 24. Write the standard equation of the circle with center P .

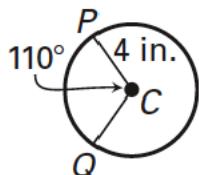


- a. $(x-2)^2 - \left(y + \frac{1}{2}\right)^2 = 49$
 b. $\left(x - \frac{1}{2}\right)^2 + (y+2)^2 = \frac{49}{4}$
 c. $\left(x + \frac{1}{2}\right)^2 + (y-2)^2 = 49$
 d. $(x+2)^2 - \left(y - \frac{1}{2}\right)^2 = \frac{49}{4}$

____ 25. Find the diameter of a ball that rolls 100 feet after 60 revolutions. Round to the nearest hundredth.

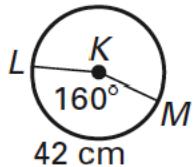
- a. 0.53 ft
b. 0.27 ft
c. 5.24 ft
d. 2.62 ft

____ 26. Find the length of \widehat{PQ} to the nearest hundredth.



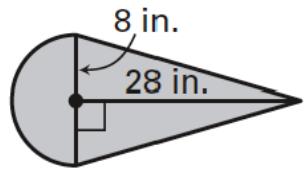
- a. 2.44 in.
b. 7.68 in.
c. 15.35 in.
d. 3.84 in.

____ 27. Find the circumference of $\odot K$.



- | | |
|------------|-------------|
| a. 100 cm | c. 117.2 cm |
| b. 94.5 cm | d. 138 cm |

____ 28. Find the area of the figure, rounded to the nearest hundredth.



- | | |
|----------------------------|----------------------------|
| a. 130.48 in. ² | c. 324.53 in. ² |
| b. 212.48 in. ² | d. 280.96 in. ² |

____ 29. The apothem of a regular polygon inscribed in a circle is the ____? _____.

- | | |
|--|---|
| a. distance from the center to any side of the polygon | c. arc length intercepted by each side of the polygon |
| b. center of the polygon | d. central angle of the polygon |

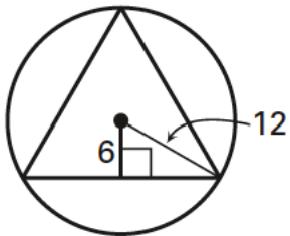
____ 30. Find the side length of a 15-sided regular polygon with apothem $a = 6$ inches and area $A = 282$ square inches.

- | | |
|------------------------|-------------------------|
| a. $18\frac{4}{5}$ in. | c. $6\frac{4}{15}$ in. |
| b. 94 in. | d. $12\frac{8}{15}$ in. |

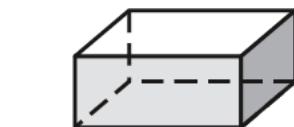
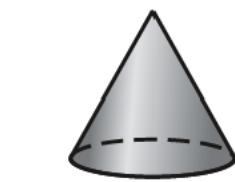
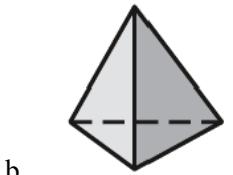
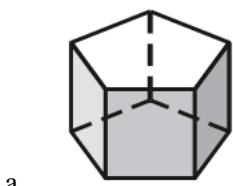
____ 31. Which is *not* true about the probability of an event?

- | | |
|--|--|
| a. It can be expressed as a fraction, decimal, or percent. | c. The probability of event A can be written as $P(A)$. |
| b. It is the measure of the likelihood that an event will occur. | d. It is a number x such that $0 < x < 1$. |

- ____ 32. Find the probability that a randomly chosen point in the circle also lies in the triangle.



- ____ 33. Which figure is *not* a polyhedron?



- ____ 34. Which equation represents Euler's Theorem?

- a. $F + V = E + 2$ c. $E + V = F + 2$
b. $F + E = V + 2$ d. $F + V = E - 2$

- ____ 35. A polyhedron in which the base is a polygon and the lateral faces are triangles with a common vertex is a _____.

- a. prism c. pyramid
b. cone d. dodecahedron

- ____ 36. Find the volume of a 6-inch tall glass with a 3-inch diameter.

- a. 42.41 in.³ c. 54 in.³
b. 169.56 in.³ d. 56.52 in.³

- ____ 37. Find the surface area of a globe with a 24-inch diameter.

- a. 1809.56 in.² c. 904.32 in.²
b. 7234.56 in.² d. 3627.28 in.²

- ____ 38. Which prism is similar to a prism with a length of 5 inches, width of 2 inches, and a height of $2\frac{1}{2}$ inches?
- a. $l = 4$ in., $w = 1$ in., $h = 1\frac{1}{2}$ in. c. $l = 10$ in., $w = 4$ in., $h = 4\frac{1}{2}$ in.
b. $l = 10$ in., $w = 7$ in., $h = 7\frac{1}{2}$ in. d. $l = 2$ in., $w = \frac{4}{5}$ in., $h = 1$ in.
- ____ 39. How many possible outcomes are there when you roll two number cubes and toss one coin?
- a. 13 c. 72
b. 36 d. 144
- ____ 40. The probability of an event occurring is 7 : 10. What are the odds against the event?
- a. 3 : 10 c. 3 : 17
b. 10 : 3 d. 10 : 7
- ____ 41. According to a meteorologist, there is a 60% chance of thunderstorms today. What are the odds that it will *not* storm?
- a. 3 : 5 c. 2 : 5
b. 2 : 3 d. 1 : 25
- ____ 42. How many ways can you arrange all the letters in the word MATH?
- a. 4 c. 12
b. 6 d. 24
- ____ 43. The judges of the science fair will be awarding ribbons for first, second, and third place, plus a ribbon for honorable mention out of 15 entries. Which expression gives the number of ways the judges can award first place, second place, third place, and honorable mention?
- a. $\frac{4!}{11!}$ c. $\frac{11!}{15!}$
b. $\frac{15!}{11!}$ d. $\frac{11!}{4!}$
- ____ 44. You need to go to the library, grocery store, and pharmacy. In how many orders can you visit these places?
- a. 3 c. 9
b. 6 d. 12
- ____ 45. What is the value of ${}_8P_5$?
- a. 56 c. 6720
b. 120 d. 40,320
- ____ 46. What is the value of ${}_6C_3$?
- a. 20 c. 240
b. 120 d. 1200
- ____ 47. How many combinations of 3 letters can you make from the list A, B, C, D, and E?
- a. 10 c. 30
b. 20 d. 60

- ____ 48. You are ordering a 3-topping pizza from a pizzeria. You have 10 topping choices. How many different pizzas are possible?
a. 60 c. 720
b. 120 d. 5040
- ____ 49. You roll a number cube. What is the probability that you will roll an even number *or* a number greater than 4?
a. $0.\overline{16}$ c. $0.\overline{6}$
b. 0.5 d. $0.\overline{83}$
- ____ 50. You flip a coin and roll a number cube. What is the probability that the coin shows tails and the number cube shows a 3?
a. $\frac{2}{3}$ c. $\frac{1}{6}$
b. $\frac{1}{2}$ d. $\frac{1}{12}$
- ____ 51. A jar contains 6 red marbles, 5 blue marbles, and 9 green marbles. What is the probability of randomly choosing a blue marble and then another blue marble if the first marble is not replaced?
a. $\frac{1}{20}$ c. $\frac{1}{18}$
b. $\frac{1}{19}$ d. $\frac{1}{16}$
- ____ 52. The distribution of the number of pets per household is shown in the table below. What is the probability that the number of pets in a randomly chosen household is at least 2?
- | Pets | 0 | 1 | 2 | 3+ |
|------------|----|-----|----|----|
| Households | 50 | 100 | 75 | 75 |
- a. 0.25 c. 0.5
b. 0.75 d. 1.00
- ____ 53. What is the probability of $P(A \text{ and } B)$ given that $P(A) = 0.20$, $P(B) = 0.45$, and $P(A \text{ or } B) = 0.58$?
a. 0.07 c. 0.97
b. 0.93 d. 1.00
- ____ 54. If $P(A) = 0.1997$, what is $P(\overline{A})$?
a. 0.0003 c. 0.9003
b. 0.8003 d. 1.1997
- ____ 55. You toss a coin and roll a six-sided die simultaneously. What is the probability of tossing a head and rolling a 5?
a. $\frac{1}{12}$ c. $\frac{2}{3}$
b. $\frac{1}{6}$ d. $\frac{5}{6}$

____ 56. What is the probability that you randomly draw four aces consecutively from a standard deck of 52 cards without replacement?

a. $\frac{1}{7,311,616}$

c. $\frac{1}{270,725}$

b. $\frac{3}{913,952}$

d. $\frac{1}{13}$

Qtr 3 Practice

Answer Section

MULTIPLE CHOICE

- | | | |
|------------|--------|--|
| 1. ANS: A | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.CO.4 NT.CCSS.MTH.10.9-12.G.CO.2 |
| | | TOP: Standardized Test, Chapter 9 |
| | | MSC: DOK 1 |
| 2. ANS: C | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.N.VM.11 |
| | | TOP: Standardized Test, Chapter 9 |
| | | MSC: DOK 1 |
| 3. ANS: A | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.N.VM.8 |
| | | TOP: Standardized Test, Chapter 9 |
| | | MSC: DOK 1 |
| 4. ANS: A | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.N.VM.8 |
| | | TOP: Standardized Test, Chapter 9 |
| | | MSC: DOK 2 |
| 5. ANS: D | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.CO.2 |
| | | TOP: Standardized Test, Chapter 9 |
| | | MSC: DOK 2 |
| 6. ANS: B | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.N.VM.11 |
| | | TOP: Standardized Test, Chapter 9 |
| | | MSC: DOK 1 |
| 7. ANS: C | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.CO.2 |
| | | TOP: Standardized Test, Chapter 9 |
| | | MSC: DOK 2 |
| 8. ANS: A | PTS: 1 | DIF: Level B |
| | | TOP: Standardized Test, Chapter 9 |
| | | MSC: DOK 2 |
| 9. ANS: B | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.CO.3 |
| | | TOP: Standardized Test, Chapter 9 |
| | | MSC: DOK 2 |
| 10. ANS: D | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.N.VM.11 |
| | | TOP: Standardized Test, Chapter 9 |
| | | MSC: DOK 1 |
| 11. ANS: A | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.C.2 |
| | | TOP: Standardized Test, Chapter 10 |
| | | MSC: DOK 2 |
| 12. ANS: C | PTS: 1 | DIF: Level B |
| | | TOP: Standardized Test, Chapter 10 |
| | | MSC: DOK 1 |
| 13. ANS: A | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.C.2 |
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| | | MSC: DOK 1 |
| 14. ANS: D | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.C.2 |
| | | TOP: Standardized Test, Chapter 10 |
| | | MSC: DOK 2 |
| 15. ANS: B | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.C.2 |
| | | TOP: Standardized Test, Chapter 10 |
| | | MSC: DOK 1 |
| 16. ANS: A | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.C.2 |
| | | TOP: Standardized Test, Chapter 10 |
| | | MSC: DOK 1 |
| 17. ANS: D | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.C.2 |
| | | TOP: Standardized Test, Chapter 10 |
| | | MSC: DOK 2 |
| 18. ANS: C | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.C.2 |
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| | | MSC: DOK 2 |
| 19. ANS: B | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.C.2 |
| | | TOP: Standardized Test, Chapter 10 |
| | | MSC: DOK 2 |
| 20. ANS: C | PTS: 1 | DIF: Level B |
| | | NAT: NT.CCSS.MTH.10.9-12.G.C.2 |
| | | TOP: Standardized Test, Chapter 10 |
| | | MSC: DOK 1 |

21.	ANS: D TOP: Standardized Test, Chapter 10	PTS: 1 MSC: DOK 1	DIF: Level B MSC: DOK 1	NAT: NT.CCSS.MTH.10.9-12.G.C.2
22.	ANS: A TOP: Standardized Test, Chapter 10	PTS: 1 MSC: DOK 2	DIF: Level B MSC: DOK 2	NAT: NT.CCSS.MTH.10.9-12.G.C.2
23.	ANS: D TOP: Standardized Test, Chapter 10	PTS: 1 MSC: DOK 1	DIF: Level B MSC: DOK 1	NAT: NT.CCSS.MTH.10.9-12.G.C.2
24.	ANS: B MSC: DOK 1	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 10
25.	ANS: A TOP: Standardized Test, Chapter 11	PTS: 1 MSC: DOK 2	DIF: Level B MSC: DOK 2	NAT: NT.CCSS.MTH.10.9-12.G.C.5
26.	ANS: B TOP: Standardized Test, Chapter 11	PTS: 1 MSC: DOK 1	DIF: Level B MSC: DOK 1	NAT: NT.CCSS.MTH.10.9-12.G.C.5
27.	ANS: B TOP: Standardized Test, Chapter 11	PTS: 1 MSC: DOK 1	DIF: Level B MSC: DOK 1	NAT: NT.CCSS.MTH.10.9-12.G.C.5
28.	ANS: C TOP: Standardized Test, Chapter 11	PTS: 1 MSC: DOK 2	DIF: Level B MSC: DOK 2	NAT: NT.CCSS.MTH.10.9-12.G.C.5
29.	ANS: A MSC: DOK 1	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 11
30.	ANS: C MSC: DOK 2	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 11
31.	ANS: D MSC: DOK 1	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 11
32.	ANS: B TOP: Standardized Test, Chapter 11	PTS: 1 NAT: NT.CCSS.MTH.10.9-12.G.SRT.8	DIF: Level B MSC: DOK 2	NT.CCSS.MTH.10.9-12.S.CP.1
33.	ANS: C MSC: DOK 1	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 11
34.	ANS: A MSC: DOK 1	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 11
35.	ANS: C MSC: DOK 1	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 11
36.	ANS: A TOP: Standardized Test, Chapter 11	PTS: 1 MSC: DOK 1	DIF: Level B MSC: DOK 1	NAT: NT.CCSS.MTH.10.9-12.G.GMD.3
37.	ANS: A TOP: Standardized Test, Chapter 11	PTS: 1 MSC: DOK 1	DIF: Level B MSC: DOK 1	NAT: NT.CCSS.MTH.10.9-12.G.GMD.3
38.	ANS: D MSC: DOK 2	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 11
39.	ANS: C MSC: DOK 1	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 12
40.	ANS: C MSC: DOK 2	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 12
41.	ANS: B MSC: DOK 2	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 12
42.	ANS: D MSC: DOK 1	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 12
43.	ANS: B MSC: DOK 2	PTS: 1 MSC: DOK 2	DIF: Level B	TOP: Standardized Test, Chapter 12

44.	ANS: B MSC: DOK 1	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 12
45.	ANS: C MSC: DOK 1	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 12
46.	ANS: A MSC: DOK 2	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 12
47.	ANS: A MSC: DOK 2	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 12
48.	ANS: B MSC: DOK 2	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 12
49.	ANS: C TOP: Standardized Test, Chapter 12	PTS: 1	DIF: Level B MSC: DOK 2	NAT: NT.CCSS.MTH.10.9-12.S.CP.7
50.	ANS: D TOP: Standardized Test, Chapter 12	PTS: 1	DIF: Level B MSC: DOK 2	NAT: NT.CCSS.MTH.10.9-12.S.CP.8
51.	ANS: B TOP: Standardized Test, Chapter 12	PTS: 1	DIF: Level B MSC: DOK 2	NAT: NT.CCSS.MTH.10.9-12.S.CP.8
52.	ANS: B MSC: DOK 2	PTS: 1	DIF: Level B	TOP: Standardized Test, Chapter 12
53.	ANS: A TOP: Standardized Test, Chapter 12	PTS: 1	DIF: Level B MSC: DOK 2	NAT: NT.CCSS.MTH.10.9-12.S.CP.7
54.	ANS: B TOP: Standardized Test, Chapter 12	PTS: 1	DIF: Level B MSC: DOK 1	NAT: NT.CCSS.MTH.10.9-12.S.CP.1
55.	ANS: A TOP: Standardized Test, Chapter 12	PTS: 1	DIF: Level B MSC: DOK 2	NAT: NT.CCSS.MTH.10.9-12.S.CP.8
56.	ANS: C TOP: Standardized Test, Chapter 12	PTS: 1	DIF: Level B MSC: DOK 2	NAT: NT.CCSS.MTH.10.9-12.S.CP.8