

Geometry EOC Review ANSWERS

SECTION #1

1. D
2. 10 square units
3. $y = 3x - 4$
4. 4.5
5. C
6. D
7. C
8. B
9. Calculate the length of all 3 sides by using the distance formula; BC and CD will have the same measure; need to state the correct lengths of all 3 sides
10. B

SECTION #2

1. C
2. C
3. C
4. D
5. D
6. D
7. B
8. B
9. D
10. C
11. D
12. B
13. A
14. A
15. D
16. D
17. B
18. B
19. A

SECTION #3

1. A
2. C
3. C
4. 6.9
5. A
6. 1.1 cubic inches
7. Volume = 200π
8. D
9. 9.4 in
10. 16,682.7 cubic centimeters
11. $A' = \{1,2,4,5,9,10,12\}$
12. $P(B) = \frac{1}{3}$
13. $\frac{5}{9} = 56\%$

14.

	MP3	No MP3	TOTAL
Cell	57	21	78
No Cell	13	9	22
Total	70	30	100

15. $P(A|B) = \frac{1}{13}$
16. $P(B|A) = \frac{1}{2}$
17. $P(C|A) = \frac{1}{4}$
18. 82.6%
19. $\frac{108}{1376}$