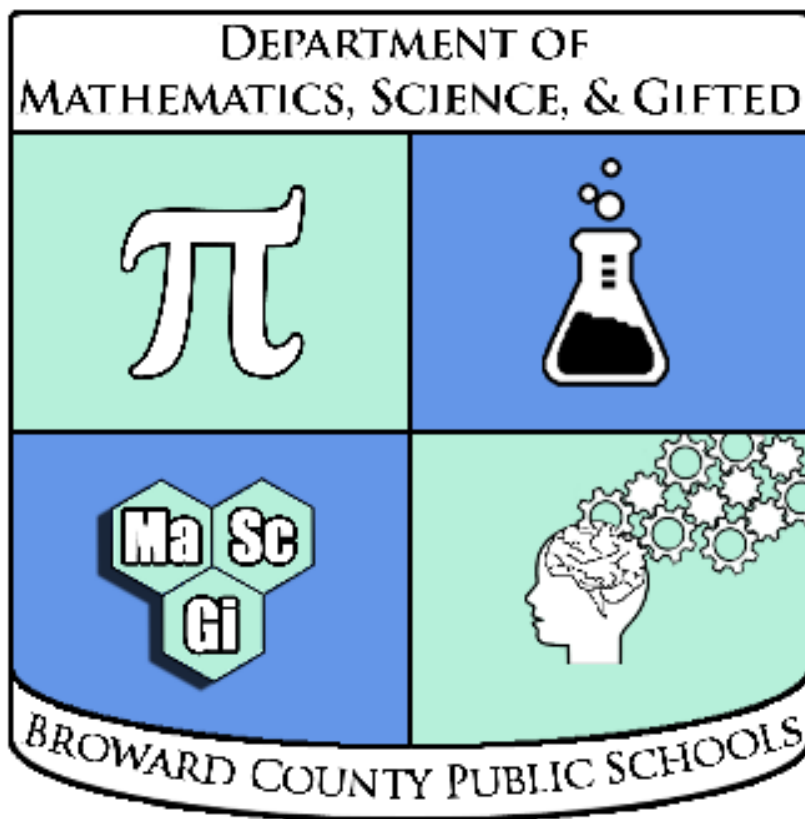


Name: _____

EOC FSA

Practice Test Key



Geometry

No Calculator Portion

Compiled by the Broward County Public Schools
Office of Instruction and Intervention
Mathematics, Science, & Gifted Department

Geometry EOC FSA Practice Test (Non-Calculator Portion)

Answer Section

1	ANS: B	STA: MAFS.912.G-CO.1.1	MSC: DOK 2
2	ANS: D	STA: MAFS.912.G-CO.1.1	MSC: DOK 2
3	ANS: A	STA: MAFS.912.G-CO.1.2	MSC: DOK 2
4	ANS: B	STA: MAFS.912.G-CO.1.5	MSC: DOK 2
5	ANS: B	STA: MAFS.912.G-CO.3.9	MSC: DOK 3
6	ANS: A	STA: MAFS.912.G-CO.3.10	MSC: DOK 2
7	ANS: C	STA: MAFS.912.G-CO.4.12	MSC: DOK 1
8	ANS: A	STA: MAFS.912.G-CO.4.12	MSC: DOK 3
9	ANS: C	STA: MAFS.912.G-SRT.1.1a	MSC: DOK 2
10	ANS: C	STA: MAFS.912.G-CO.3.11	MSC: DOK 3
11	ANS: D	STA: MAFS.912.G-CO.4.12	MSC: DOK 2
12	ANS: B	STA: MAFS.912.G-C.1.1	MSC: DOK 3
13	ANS: D	STA: MAFS.912.G-C.1.1	MSC: DOK 3
14	ANS: C	STA: MAFS.912.G-C.1.2	MSC: DOK 3
15	ANS: C	STA: MAFS.912.G-C.1.3	MSC: DOK 3
16	ANS: D	STA: MAFS.912.G-C.1.3	MSC: DOK 1
17	ANS: D	STA: MAFS.912.G-GMD.1.1	MSC: DOK 2
18	ANS: D	STA: MAFS.912.G-GMD.1.1	MSC: DOK 3
19	ANS: A	STA: MAFS.912.G-GPE.2.4	MSC: DOK 3
20	ANS: C	STA: MAFS.912.G-GPE.2.4	MSC: DOK 3
21	ANS: D	STA: MAFS.912.G-GPE.2.5	MSC: DOK 3
22	ANS: A	STA: MAFS.912.G-GPE.2.6	MSC: DOK 3
23	ANS: B	STA: MAFS.912.G-MG.1.1	MSC: DOK 2
24	ANS: A, D, E	STA: MAFS.912.G-CO.1.5	MSC: DOK 1
25	ANS: B, C, D, F	STA: MAFS.912.G-CO.2.6	MSC: DOK 2
26	ANS: C, D, E, G, H	STA: MAFS.912.G-C.1.2	
	MSC: DOK 2		
27	ANS:		
	10		
	STA: MAFS.912.G-CO.2.6	MSC: DOK 2	

28 ANS:

Statements	Reasons
1. $AB = CD$	1. Given
2. $AB + BC = BC + CD$	2. Addition Property of Equality
3. $AB + BC = AC$	3. Segment Addition Postulate
4. $BC + CD = BD$	4. Segment Addition Postulate
5. $AC = BD$	5. Substitution

Rubric

1 point for each completed statement or reason

STA: MAFS.912.G-CO.3.9

MSC: DOK 3

29 ANS:

I disagree with Jermaine's plan. The SSS congruence criterion requires three pairs of congruent sides, including $\overline{MO} \cong \overline{NP}$. This is what Jermaine is trying to prove, so the SSS congruence criterion cannot be used.

Rubric

1 point for disagreeing;

1 point for explanation

STA: MAFS.912.G-CO.3.11

MSC: DOK 3

30 ANS:

(Answers may vary.) They are congruent if $\overline{AD} \cong \overline{CB}$ but similar otherwise. $\angle A \cong \angle C$ since they both intercept \widehat{DB} , and $\angle D \cong \angle B$ since they both intercept \widehat{AC} . Therefore, $\triangle ADP \sim \triangle CBP$ by the AA Similarity Postulate. If $\overline{AD} \cong \overline{CB}$, $\triangle ADP \cong \triangle CBP$ by the ASA Congruence Postulate.

STA: MAFS.912.G-SRT.1.3

MSC: DOK 3

31 ANS: A, B, E

STA: MAFS.912.G-SRT.1.3

MSC: DOK 2

32 ANS:

$\triangle XYM \cong \triangle ZWM$ by ASA. Since corresponding parts of congruent triangles are congruent, $\overline{XM} \cong \overline{ZM}$ and $\overline{WM} \cong \overline{YM}$. Thus, M is the midpoint of both \overline{XZ} and \overline{WY} , and the diagonals bisect each other.

Rubric1 point for using ASA to conclude that $\triangle XYM \cong \triangle ZWM$;1 point for stating $\overline{XM} \cong \overline{ZM}$ and $\overline{WM} \cong \overline{YM}$;1 point for stating M is the midpoint of both \overline{XZ} and \overline{WY} ;

1 point for concluding that the diagonals bisect each other

STA: MAFS.912.G-CO.3.11

MSC: DOK 3