

Name _____

BALANCED EQUATIONS

Solve each of the following problems. You may use the balance scales.

1. $4 + 3 = X + 5$
 $X = \underline{\quad}$

2. $7 + 4 = Y + 6$
 $Y = \underline{\quad}$

3. $12 - 6 = 5 + A$
 $A = \underline{\quad}$

4. $6 + J = 8 + 5$
 $J = \underline{\quad}$

5. $9 + 2 = C + 4$
 $C = \underline{\quad}$

5. $5 + 9 = K - 0$
 $K = \underline{\quad}$

6. $7 + 7 = 20 - D$
 $D = \underline{\quad}$

7. $3 + 8 = 5 + Z$
 $Z = \underline{\quad}$

8. $13 - 4 = 17 - X$
 $X = \underline{\quad}$

9. $5 + Y = 3 + 6$
 $Y = \underline{\quad}$

9. $9 + Z = 11 + 7$
 $Z = \underline{\quad}$

10. $8 + 7 = D + 6$
 $D = \underline{\quad}$



Balance Scales Journal Writing
Scoring Rubric

	3 Excellent	2 Good	1 Needs Work	0 Incomplete
Content	All information included is correct. <input type="checkbox"/>	Most information included and is correct. <input type="checkbox"/>	Some information is included but in <input type="checkbox"/> correct.	Most information is not included or incorrect. <input type="checkbox"/>
Neatness	Math Journal is very neat. <input type="checkbox"/>	Math Journal is neat. <input type="checkbox"/>	Math Journal messy <input type="checkbox"/>	Math Journal very messy <input type="checkbox"/>
Conventions	All words are spelled correctly with correct grammar and sentence structure where needed. <input type="checkbox"/>	Most words are spelled correctly with correct grammar and sentence structure where needed <input type="checkbox"/>	Some words are spelled correctly with correct grammar and sentence structure where needed <input type="checkbox"/>	Most words are not spelled correctly with very little correct grammar and sentence structure <input type="checkbox"/>
Models And/or diagrams	Includes models and diagrams that are labeled and easy <input type="checkbox"/> to read	Includes model or diagram that are labeled and easy <input type="checkbox"/> to read.	Included a model or diagram but not labeled or easy to <input type="checkbox"/> read	Did not include a model or diagram.. <input type="checkbox"/>