Diagramming
Hybrid Logic Games

I. Easy

1. Six students - A, B, C, D, E, and F - are playing in a piano recital, one after another.

2. Six students - A, B, C, D, E, and F - are playing in a piano recital, one after another. Some will play a jazz piece; the others will play ragtime.

3. Six students - A, B, C, D, E, and F - are playing in a piano recital, one after another. The first three play before the intermission, and the final three will play after the intermission.

Diagramming
Hybrid Logic Games

I. Easy - Answer Key

1. Six students - A, B, C, D, E, and F - are playing in a piano recital, one after another.

A B C D E F

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2. Six students - A, B, C, D, E, and F - are playing in a piano recital, one after another. Some will play a jazz piece; the others will play ragtime.

A B C D E F   J R

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3. Six students - A, B, C, D, E, and F - are playing in a piano recital, one after another. The first three play before the intermission, and the final three will play after the intermission.

A B C D E F

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II. Medium

4. Six students - A, B, C, D, E, and F - are playing in a piano recital. Three play on stage 1, and three on stage 2. Each stage has one performance at 7pm, 8pm, and 9pm.

5. Six students - A, B, C, D, E, and F - are playing in a piano recital. Three play on stage 1, and three on stage 2. Stage 1 has performances at 6pm, 8pm and 9pm. Stage 2 has performances at 7pm, 8pm, and 10pm.

6. Six students - A, B, C, D, E, and F - are at a piano recital. Four will play one after another, and two will not play.
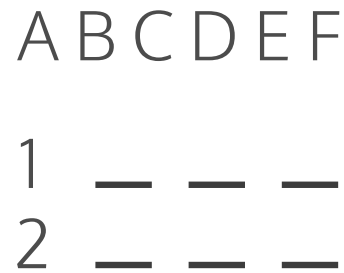
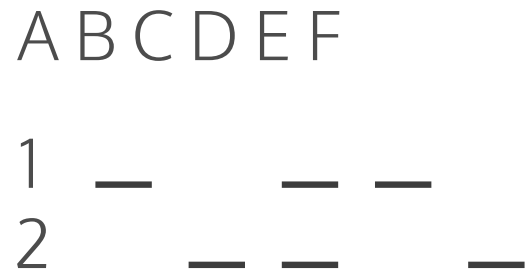# II. Medium - Answer Key

4. Six students - A, B, C, D, E, and F - are playing in a piano recital. Three play on stage 1, and three on stage 2. Each stage has one performance at 7pm, 8pm, and 9pm.

A B C D E F

1 _ _ _
2 _ _ _

5. Six students - A, B, C, D, E, and F - are playing in a piano recital. Three play on stage 1, and three on stage 2. Stage 1 has performances at 6pm, 8pm and 9pm. Stage 2 has performances at 7pm, 8pm, and 10pm.

A B C D E F

1 _ _ _
2 _ _ _

6. Six students - A, B, C, D, E, and F - are at a piano recital. Four will play one after another, and two will not play.

A B C D E F

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III. Hard

7. Six students - A, B, C, D, E, and F - are at a piano recital. Some will play a jazz piece; the others will play ragtime. Three will play on stage 1 at 6pm, 7pm, and 9pm, and two will play on stage 2 at 7pm and 8pm. One student does not play.

8. Six students - A, B, C, D, E, and F - are playing in a piano recital, one after another. Some students will play a jazz piece; the others will play ragtime. Only half the students (B, C, and D) make mistakes, and only A and C play jazz.
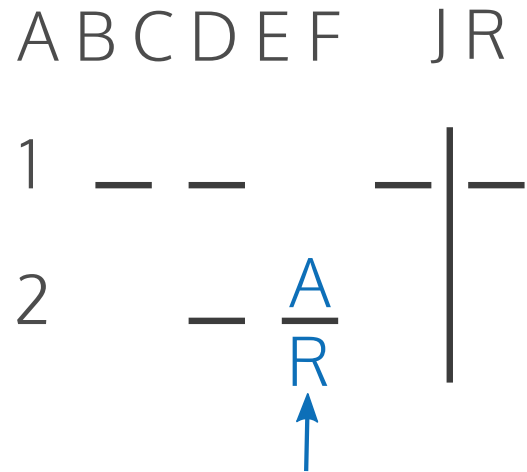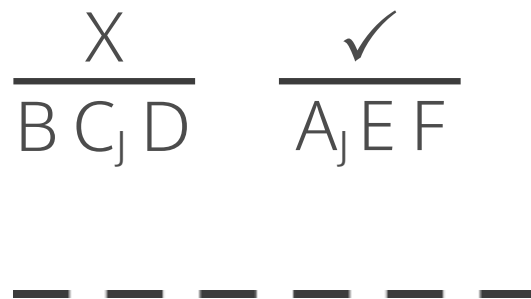
III. Hard - Answer Key

7. Six students - A, B, C, D, E, and F - are at a piano recital. Some will play a jazz piece; the others will play ragtime. Three will play on stage 1 at 6pm, 7pm, and 9pm, and two will play on stage 2 at 7pm and 8pm. One student does not play.

A B C D E F   J R

1 _ _   _|_

2   _ $\frac{A}{R}$

Put one letter below each line and one above instead of writing two lines

8. Six students - A, B, C, D, E, and F - are playing in a piano recital, one after another. Some students will play a jazz piece; the others will play ragtime. Only half the students (B, C, and D) make mistakes, and only A and C play jazz.

$\frac{X}{B\ C_J\ D}$ $\frac{\checkmark}{A_J\ E\ F}$

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This is a fake hybrid game because there are only really two variables