

Door

Board

150-200

1
2
3
4
5
6
7

A	B	A	B
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A	B	A	B
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A	B	A	B
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A	B	A	B
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A	B	A	B
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A	B	A	B
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A	B	A	B
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A	B	A	B	A
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A	B	A	B	A
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A	B	A	B	A
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A	B	A	B	A
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A	B	A	B	A
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A	B	A	B	A
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A	B	A	B	A
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$$A = 35$$

$$B = 28$$

$$63$$