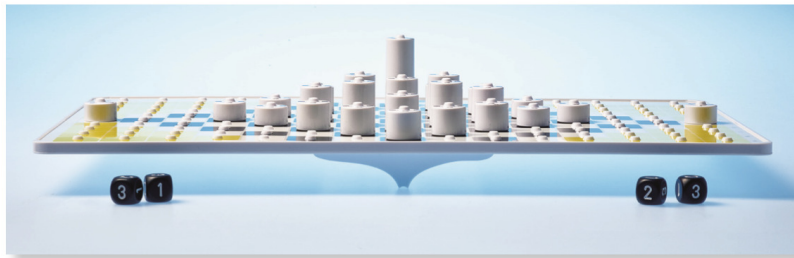


## Hungry Higgs - School & educational edition:

- 2 pcs Hungry Higgs excersizes book by Publishing House Matematik, Denmark.
- 1 game Hungry Higgs
- 6 pcs "create&play" overlays
- blank dices og extra play pieces
- Supported by Gravity Board Games presentation models and materials.

(Packaging Carton: 22,5in x 12,6in x 13,6in - 5 sets per carton / Packaging Unit: 18in x 12in x 1,5in)



GRAVITY BOARD GAMES®

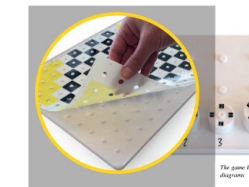


- Rules of the Game
- Dice
- Placing Your Piece
- Balance
- Weight
- Tactical Studies
- Changing the Game
- New Games - Your Own Game



### Study Diagrams

Now, you should prepare a diagram for each of the 4 studies on the previous page. You can draw them on paper or prepare them in a spreadsheet. You can also draw them on the game board if removing the top layer, as illustrated.



### Results of the Study

Now, compare your four studies.

Which throw(s) of the dice won the most money when throwing a regular die?	Which sums are the most frequent when throwing two regular dice?	Ex You 1 with 12, 18
Which throw(s) of the dice were the most frequent when throwing a Hungry Higgs die?	Which sums are the most frequent when throwing two regular dice?	

### Balance

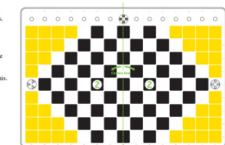
#### The Lever Arm Hypothesis

All Hungry Higgs pieces represent a certain weight, and you may increase your chance to win by collecting swap pieces that are heavier than those of the opponent.

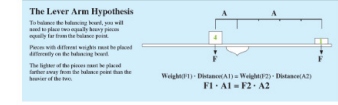
Each time you move a swap piece, the balance of the game board shifts. You can move it back to its original position by moving the counterweight (the weight equals a value of 1).

It is important to be able to calculate the impact on the balance when moving pieces.

Let us begin with the lever arm hypothesis.



Balance with evenly heavy pieces.



#### Study

How many pieces with a value of 1 do you have to place on line 1 to balance with a swap piece 2 on line 3?

How many pieces of 1 did you use?