

DESIGN AND LEGALIZATION OF A TEST TO MEASURE THE SKILL PERFORMANCE OF SHOOTING FROM THE LAY-UP-SHOT FROM THE FORBIDDEN AREA FOR BASKETBALL PIVOT PLAYERS THE ADVANCED CATEGORY

Dr. Ali Ashoor Abeud

Faculty of Physical Education and Sports Sciences/ Basra University

Abstract

The development taking place in this game did not come from a coincidence, but rather came from unremitting scientific efforts and continuous follow-ups of the levels of players physical and skill through the continuous tests of all kinds. These tests are special tests that package the prior knowledge of the level of players based on the levels they provide during previous tests and scientific connotations that allow the specialist to rule At the future level of the player, hence the importance of research in finding a design and legalization of a test to measure the skill performance of a peaceful correction in the forbidden area of the players 'attachment to the disintegration of the applicants, as well as finding standard degrees and levels of the test that enables the trainer to identify the level of his players using grades and standards. That is why the research aims to:

1- Design a skill test to measure the ability to perform peaceful correction from within the forbidden area of the pivot players for the applicants.

2- Setting standard degrees and levels of the proposed test.

The conclusion was: The designer test has the ability to give objective measurements to the accuracy of the performance of the ability to perform this skill in the forbidden area chosen by the researcher.

The researcher **recommended**: Benefit from the test designed and codified by researchers and specialists

Keywords: Test to measure; shooting from the Lay-up-shot basketball pivot.

1 -1 Introduction and Importance of Research:

Objective tests are one of the main means of evaluation in physical education, as they play a prominent role in diagnosis, classification and evaluation, in addition to that they help in directing coaches and players alike to introduce weaknesses and strengths for the basic skills that advanced players need, especially in the basketball game .The basketball game is one of the sports that has evolved greatly during the past years, and this we have noticed in the last world championship



(2014) is a speed in the skill, physical and planning performance, rapid attack and diversity in offensive and defensive tactics and highly in the beautiful and high performance that reaches a degree that the viewer will not be able to It is determined by the winning and losing team except at the end of the original time of the match. This is only the result of the link of this game with other sciences such as tests, measurement, sports training, mathematical philosophers, psychology, etc. And that the basketball game is one of the games that needs to prepare players physically, skillfully, planning and psychologically to the best global sports levels .And that the skill numbers is the main pillar in the basketball game, where performance in this game depends on the extent of mastery of playing for the basic skills and high in performance and flow, especially the peaceful correction that increases from within the forbidden area, which is one of the important and main corrections in the moves and cutting on the basket from within This region, which comes from a previously agreed handling to the pivotal players from corner players and the playmaker, which comes to the team by obtaining the most registration of points.

Hence the importance of research in designing and legalizing a skill test to measure the skill performance in the ability to perform this peaceful correction from the forbidden area of the pivotal players for the category of applicants, as well as finding standard degrees and levels of testing that enables the trainer to identify the level of correction from this region for the players to use normative grades and levels

1-2 Research Problem

Through the work of the researcher, a former player, teacher and coach in basketball, he noticed the most important problems that face in measurements and tests dependent on personal and subjective experience in the evaluation process and the lack of research that touched on knowing the accuracy of mastery of a skill is the most important break in the goal of the attack, especially that leads from Very sensitive areas, which are the forbidden area in which the player is defensive when performing this correction by designing a test for this skill and creating a performance condition that is as much as possible to the correction cases that allow the attacker in the match stadium



1 -3 Research Objective:

- 1- Design a test for the skill of the peaceful correction of the pivot players from the forbidden area of the applicants.
- 2- Setting standard degrees and levels for the proposed test

1-5 Research areas:

- 1-5-1 The human field: Players Applicants category the clubs participating in the Basra League for the season 2020/2021
- 1-5-2 Time domain: represented by the time period from 1 / 12 / 2021 TO 1 / 2 / 2022.
- 1-5-3 The spatial domain: The stadiums where the teams are training

2- Research methodology:

The researcher used the descriptive approach in the survey style, as this method is the appropriate method for solving the research problem

2 -1 Society and sample of research:

The researcher chose the research community represented by the pivot players who are among the Premier League teams and the first degree participating in the southern region of the basketball category in the applicants in the intentional way. The players have been conducted exploratory experiences for the purpose of legalizing the tests, according to the following table

Table (1) shows the numbers and proportions of a society and the research sample

Sports teams for the southern region	research community	research sample	Exploited experiments sample	The percentage of the sample
Al -Mena	12	10	2	80%
Basra oil	12	10	2	
Abo kaseeb	12	10	2	
Al Basrah	12	10	2	
Al biladea	12	10	2	
Al Qurna	12	10	2	



3-3 Information collection means:

3-3-1 Data collection means:

Arab and foreign sources

- A questionnaire form to determine the tests. Appendix (1)
- Personal interview. Appendix (2)

3-3-2 means, tools and search devices:

Legal basketball field.

- Parts of the number (10).
- Time watch, , registered.

3-4 field research procedures:

3-4-1 Initial construction of the test:

The test was built according to the following conditions:

- To measure the specific skill side

There are no separators for the specific skill side during the test.

- The final degree of testing is according to the proposed equation from the researcher and the experts and specialists (Appendix 3)
- The test atmosphere is similar to the competition atmosphere in terms of the attendance of the public and the legal conditions of the game

3-4-3 The exploratory experiences used:

3-4-3-1 The first reconnaissance experience:

The researcher chose a sample of (2) players from Basra Sports Club, and they represent the research community from those who were excluded from the main sample and were chosen in the premeditated way in the test designed for them and the goal of this experience was the following:

- Learn about the possibility of the sample in the application of the test.
- Ensure the appropriate dimensions, distances and measures specified.
- Ensure that the times used in the test are suitable.

3-4-3-2 The second reconnaissance experience

After the researcher reviewed the results of the first reconnaissance experience and benefiting from its goals, the researcher conducted a second reconnaissance experience in order to apply the test to a sample of (6) two players from the



municipal club, two from the port club and two from the Basra Club who were excluded from the main sample and were taken In the premeditated way, this experiment took eight days and the goal of this experience was:

- To find out the true pulse
- To measure stability.

3-4-3-3 The third reconnaissance experience:

The tests were conducted in this experiment after (7) days of the application of the experiment on the same sample of the second reconnaissance experience, and the results of this experiment were approved as a measure to extract stability and table (3) showing the correlation transactions between the results of the tests for the second and third experiences.

Table (3) It explains the values of correlation transactions for the stability of the designed and codified tests

No	Test	Stability	significance
1	Measuring the ability to perform the skill performance of Lay-up-shot from forbidden area	0.842	moral

The value of (R) is below the level of significance (0.05) and a free degree (4) equal to (0.707)

3-4-6 The scientific foundations of the Tests

4-6-2 Stability tests:

To calculate the stability of the designer and the coded test, the researcher conducted the method of testing and re -testing after 7/days and for the male

3-4-6-1 The testimony of the test:

The sincere test (which is the test that measures the characteristic or the adjective for which it is placed) (1) is intended.

-Honesty Distinguished:

It is (the ability of the scale to distinguish between two distinctly distinctive groups in relation to the measuring adjective) 2. In order to find the discriminatory honesty of the test, the researcher conducted the test on his eye

(8) players of the junior category, which was represented by the Al -Mina Sports Club of Basketball. The other four are from Al -Sadiq and they were chosen in the same way as a date and it is the distinctive sample, as the most important methods used to support the testimony of the test are to study the possibility of the test on the distinction of two different groups in the level in a concrete manner. As indicated in Table (3).

Table (3) It clarifies the computational circles, standard deviations, and the values (T) calculated, and the statistical indication of the test designed between two distinct and unique eyes.

NO	Test	Distinguished sample		Not Distinguished sample		T calculate	T table	significance
		Average arithmetic	deviation standard	Average arithmetic	deviation standard			
1	Measuring the ability to perform the skill performance of Lay-up-shot from forbidden area	71.00	1.88	60.66	0.155	13.058	2.074	moral

3-4-6-3 The objectivity of the Test:

In order to find the objectivity of the designed test, the researcher used the test in a clear, understandable and far from the self -evaluation, as the registration is carried out using the number and degree and the use of well -known scientific devices and for the test to obtain a high degree of stability, the objectivity factor will be achieved as (the height of the stability factor is offset by the height of objectivity factor) (1 Therefore, this test is good objective.

3-5 The final designer Test:

Test Name: A peaceful correction test from within the forbidden area of the pivot players

The goal of the test: Measuring the ability to perform the skill performance of a peaceful correction from the forbidden area of the pivot players

Tools: Legal Basketball Court. Registered + whistle



Performance Method

The laboratory player stands inside the free throw in front of the forbidden area after it is placed 9 balls distributed as follows, one ball at the mid -throw line is the first ball from which the test begins and two balls on the side line of the forbidden area and (6) balls near the stadium final line (3) balls on the right of the final line of the forbidden area and another (3) to the left of the final line of the forbidden area as well and when the player hears the instruct of the testimony, he moves by taking the first ball that was placed on the free throw line to perform a peaceful correction on the basket and so the player graduates The laboratory in a sequential manner in the process of peaceful correction of the balls laid, according to its location, knowing that the balls on the right of the forbidden area strengthens the laboratory by moving to it before that are on the left, provided that there is no stopping until after reaching the 9 and final ball, then this test ends.

Test Conditions

- 1 - The laboratory player must perform the test continuing and without a final stop.
- 2- The laboratory player must perform one medicine before making a peaceful correction on the basket to avoid violating the ball.
- 3- The laboratory player must commit to performing the skill of peaceful correction exclusively.

Registration

- 1- It is given to each laboratory 3/attempts.
- 2- The registered balls are calculated only in the basket of the nine balls used in the test.
- 3- Three attempts are given, and the best attempt is calculated, knowing that the comfort is between an attempt and 60 /s
- 4- The total degree of skill test is the number of nine registered balls for the best attempts from the three attempts.



Figure (1) shows how the pivot player performs a peaceful shooting in the forbidden area

3-6 Field Experiment (the main) in applying the test for the purpose of construction.

- For the sake of the proper scientific context to reach the most accurate results, the researcher took the test

Designer and codified on the main experience sample:

The following is the detailed explanation of how to apply the test to the (construction) sample:

1- Basra Sports Club: The test designed at five in the afternoon was applied on 1/1/2022 and at the club's stadium

2- Al-Mina Sports Club: The test designed at five in the afternoon was applied on 3/1/2022 and at the Qaghi Olympic Committee stadium, taking into account the same procedures, circumstances and instructions that were previously done.

3- Basra Sports Club: The designed test was applied at five in the afternoon and on 5/1/2022 at the Basra Sports Club stadium, taking into account the same procedures, circumstances and instructions that were completed in advance

4- Southern Oil Club: The designed test was applied at five in the afternoon and on 7/1/2022, and on the closed sports hall, taking into account the same conditions, procedures and instructions that took place in advance.

5- Abi Al-Khaseeb Sports Club: The test designed at five in the afternoon was applied on 12/12/2022, and at the club's stadium, taking into account the same circumstance, procedures and instructions that took place in advance.



6- Al-Qurna Club: The designed test was applied, on 15/1/2022, and at the club's stadium.

3-7 Statistical Means:

The SPSS bag has been used and obtained the following statistical information:

- 1- The percentage.
- 2- The arithmetic medium.
- 3- Standard deviation.
- 5- Sprain coefficient.
- 6- Extracting standard grades through the sequence process

4- View, analyze and Discuss the Results:

4-1 View, analysis and discussion of the test results

From Table (4) we find that the transitional speed test ending with defensive move after the performance of the ball from the discipline is represented by my account of (70.369) and a standard deviation of (3.606), and the value of the sprain coefficient in this test (65).

Table (4) nThe mathematical medium, standard deviation, and sprain laboratories show the research sample in the designer test

Test Design	Average arithmetic	deviation standard	
Measuring the ability to perform the skill performance of Lay-up-shot from forbidden area	70.369	3.606	65

4-1-2 Standard degrees for the designer Test:

After the data of the research sample was collected through the designer test and the researcher obtained raw grades and these degrees are significant and the initial result of the tests is considered to generate difficulty in comparing these degrees to the total vocabulary of the test The relative state of raw degrees and thus these degrees can be explained and their results are evaluated (1). Therefore, the test results were tested statistically, as the researcher extracted the mathematical medium and the standard deviation, as well as extracting the relationship of the fixed amount of the test and using it in setting the modified



normative grades schedules in a relay method and as shown in the appendices (1). The modified normative degree in a relay method is calculated according to the following equation:

The modified normative degree in the sequence method = arithmetic milieu (+,-) fixed amount (sequence)

As the fixed amount is known as the following equation

Standard deviation x 5

Fixed amount = ----- (2)

50

On the basis of this feature, normative grades were extracted, as the upper distribution limit represents the degree of maximum calendar 100 and represents 50 degrees of middle calendar while the minimum is zero. The calculation of the test was placed in front of the 50 degrees in the standard tables, where the fixed amount of the calculation is added in the standard grades table. In the tests in which the modified normative degree of the player increases the more the raw degree obtained, the fixed amount is added from the mathematical mile Standard until we reach zero degree. This method was used to calculate the sequence of the designer test (the kinetic speed test ending with defensive move after performing the ball pieces of the flavored). Standard levels and proportions prescribed to them in the natural distribution curve raw grades modified grades modified in a sequence in the number of players. The percentage percent

4-4 Standard levels for the designer test

The levels are "standard criteria that represent the goal or purpose to be achieved and the ratio of any characteristic or characteristic because they included degrees showing the necessary levels for this levels are prepared on individuals with ideal levels" (1). And to determine these levels, the researcher used the Cos Curve (distribution Natural), as "the regular repetitive curve has multiple statistical properties that are used to do the standards of tests or in obtaining different statistical information" (2). Likewise, "the natural distribution is one of the most common distributions in the field of physical education because many of the characteristics and characteristics that are measured in this field are close to distributing from the natural curve" (3). One of the characteristics of the natural distribution is that its base is divided into standard units.

Table (5) It shows the standard levels and proportions prescribed for them in the natural distribution curve, raw grades and normative degrees modified in a sequence of testing.

Standard levels and proportions prescribed to them in the natural distribution curve	Raw grades	Standardized grades modified in a sequence method	Number of Players	percentage
Very good 4.86	-81.529 88.369	100-81	0	0
Good 24.52	-74.329 81.169	80-61	19	22.619
Average 40.96	-67.129 73.969	60-41	52	61.904
Acceptable 24.52	-59.929 66.769	40-21	13	15.467
Weak 4.86	-52.729 59.569	20-1	0	0

3- Discuss the results of measuring ability in the skill performance of peaceful correction from within the region Forbidden

Through Table (5), we find that the level (very good) in the designer and codified test may be in the raw degree (81.529-88.369), which corresponds to normative grades from (81-100) and we note that the sample has not achieved any percentage at this level, while the level is good It was the raw degree (74.329-81.169), which corresponds to normative grades from (61-80) and the number of players who achieved this level is 19 players at a percentage of 22.619 %, either the average level, it was represented in the raw degree (67.129-73.969) and which corresponds to the standard grades from (41-60) We note that the number of the sample who achieved this level is 52 players with a percentage of 61.904%, either the level is acceptable in the raw degree (59.929-66.769), which corresponds to normative grades from (21-40) and we note that the number of the sample who achieved this level It is 13 players with a percentage of 15.476%, either the weak level represented in the raw degree (52.729-59.569), which corresponds to normative grades from (1-20), where we note that the sample did not achieve any percentage at this level.

And that we note that the sample achieved its highest level at the (average) level and the researcher sees that



And that is that we note that the sample achieved its highest levels in the (Mediterranean) level and the researcher believes that the outstanding pivotal player is the player who is fluent in the basic offensive skills, especially the peaceful correction, which comes related to the effort made by the player, represented by his speed of performance by implementing this shift because of his strong defense, especially that he is This peaceful correction from the forbidden area, which needs this player, leads to a high skill performance at the level and at the lowest possible time (peace to rise towards proficiency and concession) (1), and thus there must be a common knowledge of the coach and the player for the importance of this skill that must be associated with

The accuracy with the performance at the attack during the field application, that is, in the competition atmosphere, and therefore the mastery of this link reflects a high and distinctive level of progress, and this is evidenced by receiving the ball in an area where defensive superiority is high, which negatively affects the player's performance level Taking the correct decision to perform the skill in a way that guarantees the attacker player to act in solving problems (playing positions) that he faces when the defending player is quickly transferred and the required accuracy in the process of transferring the feet in a way that makes the attacker facing the rival basket and placing the ball in the basket, and at the same time reflects this The link is an objective reality for playing because (the proficiency of the art of performance only becomes useless in any competition if it is not related to the ability to use in any position of the playing position All basketball coaches are directed to achieve satisfactory results.

4- Conclusions and Recommendations

4-1 CONCLUSIONS

- 1- For the designer test, the ability to give objective measurements to the accuracy of performance of the attacking skill capabilities chosen by the researcher.
- 2- The sample did not get any percentage at a very good level, and this indicates that the level of the sample needs a lot of training to improve the level.
- 3- The research sample was distributed in the designer and codified test at the levels (acceptable, medium and good) and the (average) level was the owner of the most percentage.
- 4- The level of the research sample was not within the level that delivers the player to a high level of development in performance at the physical and skill levels, through the failure of any player to reach a very good level.



5- For the designer and codified test, the ability to determine the level of development in the player at the skill level

4-2 Recommendations

- 1- Take advantage of the test designed and codified by researchers and specialists.
- 2- Using this test in knowing the levels of advanced players, especially in the skill.
- 3- Conducting this test on other age groups, and for both sexes as one of the objective evaluation means

References

1. Muhammad Mahmoud Abdel -Dayem, Muhammad Subhi Hassanein: The measurement in basketball, Kuwait, Dar Al -Kutub Al -Haditha, 2001, p. 102.
2. Ahmed Salman Odeh: Measurement and Evaluation in the Training Operation, Jordan, Dar Al -Amal, 2000, p. 166.
3. Risan Khouribet Majeed: Encyclopedia of measurements and tests in physical and sports education, Basra University, Higher Education Press, Part 1, 2003, p. 20.
4. Muhammad Hassan Allawi, Muhammad Nasr al -Din Radwan: Measurement in Physical Education and Sports Psychology, 2nd edition, Cairo, 2000, p. 179.
5. Margret J. SAFRT: Evallation in Physical Education. P317
 - i. 6-Kamal Abdel Hamid Ismail, Muhammad Nasr El -Din Radwan: a previous source, 2000, p. 184.
6. Strange Ramseh: Psychological and Educational Measurement and Measurement, Cairo, The Egyptian Anglo Library 2000, p. 118.
7. Nizar Al -Talib, Mahmoud Al -Samarrai: Previous source, Mosul, 2002, p. 101.
8. Hussein, G. L., Hasan, A. J., & Al-Jadaan, D. A. N. (2022). THE EFFECT OF THE SWOM STRATEGY ON LEARNING SOME ARTISTIC GYMNASTICS SKILLS FOR STUDENTS. ResearchJet Journal of Analysis and Inventions, 3(04), 108-123.
9. Hasan, A. J., Hussein, G. L., & Al-Jadaan, D. A. N. (2022). THE EFFECT OF KARPLUS STRATEGY ON LEARNING SOME BASIC SKILLS IN ARTISTIC GYMNASTICS FOR STUDENTS. ResearchJet Journal of Analysis and Inventions, 3(04), 64-80.
10. Kassem, D. A. S. N. W. (1818). Jawad.(2015). The relationship of the inertia torque of the kicked parts of the finer performance of the scoring skill of football for the halls. Journal of Physical Education Studies and Research, 43, 401-412.



11. Neamah, D. A. S. (1818). Comparative study of varying distances of approximate running on some biomechanical variables to accurately perform the aiming skill by jumping forward in hand. *Journal of Physical Education Studies and Research*, 44, 46-70.
12. Shatnawi, M. M., Al-Jadaan, D. A. N., Ahmad, M. A., & Al-Saeedin, M. S. (2021). ANALYTICAL STUDY OF SOME BIOMECHANICAL VARIABLES FOR THE ACCURACY OF THE PERFORMANCE OF THE CORRECTION SKILL BY JUMPING FORWARD WITH A HAND BALL. *Turkish Journal of Physiotherapy and Rehabilitation*, 32(3).
13. Dhurgham A. Neamah Al-Jadaan, Hayder Odda Zeghair, kadhim Habeeb Abbas, Saeed Hussein Hasan (2021). An analytical study of the levels of psychological compatibility in premier-class handball players. *Turkish Journal of Physiotherapy and Rehabilitation*, 32(3), 16641- 16632
14. Kassem, D. A. S. N. W. (1818). Jawad.(2015). The relationship of the inertia torque of the kicked parts of the finer performance of the scoring skill of football for the halls. *Journal of Physical Education Studies and Research*, 43, 401-412.
15. Al-Jadaan, A. N (2021) .AN ANALYTICAL STUDY OF THE LEVELS OF PSYCHOLOGICAL COMPATIBILITY IN PREMIER-CLASS HANDBALL PLAYERS. *Turkish Journal of Physiotherapy and Rehabilitation*, 32, 3.
16. AJ Hasan, GL Hussein, MH Abdullah, DAN Al-Jadaan (2022). THE IMPACT OF THE COGNITIVE APPRENTICESHIP STRATEGY IN LEARNING SOME TECHNICAL GEMS'SKILLS FOR STUDENTS .*ResearchJet Journal of Analysis and Inventions*,3(4) , 145-159, <https://doi.org/10.17605/OSF.IO/S8HV3>
17. Dhurgham A. Neamah Al-Jadaan , Imad Adel Ali (2020) . Design and rationing of a test to measure the accuracy of the cornering skill by jumping from a corner and some biomechanical variables after performing the physical effort in , *International Journal of Psychosocial Rehabilitation* , 24(9), 4541-4548
18. GL Hussein, AJ Hasan, MH Fadel, DAN Al-Jadaan (2022) . THE EFFECT OF BABY'S STRATEGY ON LEARNING SOME SKILLS IN THE ARTISTIC GYMNASTICS OF THE CUBS. *ResearchJet Journal of Analysis and Inventions*, 3(4) , 145-159, <https://doi.org/10.17605/OSF.IO/MHXWS>
19. Kassem, D. A. S. N. W. (1818). Jawad.(2015). The relationship of the inertia torque of the kicked parts of the finer performance of the scoring skill of football for the halls. *Journal of Physical Education Studies and Research*, 43, 401-412.



20. Aljadaan, D. A. S. N (2018). THE AMOUNT OF MOVEMENT QUANTITY DECREASE AND ITS EFFECT ON THE OUTPUT ACCURACY AND STRENGTH TO THE SKILL OF REMOTE AIMING BY JUMPING FOR HANDBALL. *ACADEMIA E STUDII ECONOMICE DIN BUCURESTI* Departmentul de Educatie Fizica si Sport ,Vol (22) , 67 – 73
21. Neamah, D. A., & Mustafa, U. S(2018). TEST PROROSAL TO EVALUATE SPECIFIC ENDURANCE AND THE AMOUNT MOTION FOR HANDBALL PLAYERS. *ACADEMIA E STUDII ECONOMICE DIN BUCURESTI* Departmentul de Educatie Fizica si Sport , Vol (22) , 56-66
22. Neamah, D. A. S. (1818). Comparative study of varying distances of approximate running on some biomechanical variables to accurately perform the aiming skill by jumping forward in hand. *Journal of Physical Education Studies and Research*, 44, 46-70.
23. Neamah, D. A. S. (1818). Comparative study of varying distances of approximate running on some biomechanical variables to accurately perform the aiming skill by jumping forward in hand. *Journal of Physical Education Studies and Research*, 44, 46-70.

Appendix (2) It shows raw grades and normative grades modified in a sequence of designer testing.

Normative	Raw degree	Normative	Raw degree	Normative	Raw degree	Normative	Raw degree
100	88.369	75	79.369	50	70.369	25	61.369
99	88.009	74	79.009	49	70.009	24	61.009
98	87.649	73	78.649	48	69.649	23	60.649
97	87.289	72	78.289	47	69.289	22	60.289
96	86.929	71	77.929	46	68.929	21	59.929
95	86.569	70	77.569	45	68.569	20	59.569
94	86.209	69	77.209	44	68.209	19	59.209



93	85.849	68	76.849	43	67.849	18	58.849
92	85.489	67	76.489	42	67.489	17	58.489
91	85.129	66	76.129	41	67.129	16	58.129
90	84.769	65	75.769	40	66.769	15	57.769
89	84.409	64	75.409	39	66.409	14	57.409
88	84.049	63	75.049	38	66.049	13	57.049
87	83.689	62	74.689	37	65.689	12	56.689
86	83.329	61	74.329	36	65.329	11	56.329
85	82.969	60	73.969	35	64.969	10	55.969
84	82.609	59	73.906	34	64.609	9	55.609
83	82.249	58	73.249	33	64.249	8	55.249
82	81.889	57	72.889	32	63.889	7	54.889
81	81.529	56	72.529	31	63.529	6	54.529
80	81.169	55	72.169	30	63.169	5	54.169
79	80.809	54	71.809	29	62.809	4	53.809
78	80.449	53	71.449	28	62.449	3	53.449
77	80.089	52	71.089	27	62.089	2	53.089
76	79.729	51	70.729	26	61.629	1	52.552