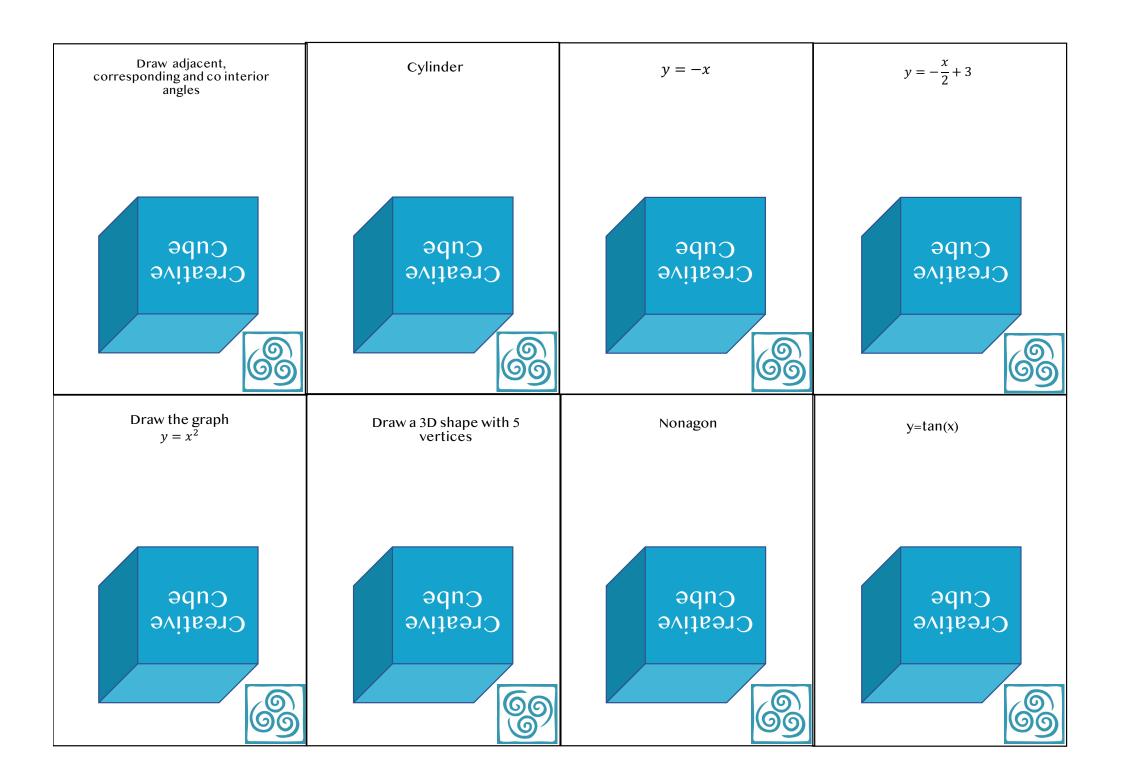
SENSOCKETCH: Choose an SENSOCKETCH: Choose an CLOODLE: Choose an CLOODLE: Choose an artist from your team who can get you to guess the answer by drawing clues on answer by drawing clues on answer by drawing clues answer by drawing clues paper with no peeking, paper with no peeking, on paper with no talking, on paper with no talking, talking, letter or symbols. talking, letter or symbols. letters or symbols. I'll read letters or symbols. I'll read The artist's eyes must stay The artist's eyes must stay the hint aloud, pass the the hint aloud, pass the closed. I'll read the hint closed. I'll read the hint card to the artist and then card to the artist and then aloud, pass the card to the aloud, pass the card to the start the timer start the timer artist and then start the artist and then start the timer timer Hint: Shape Hint: Shape Hint: Graph Hint: Shape ALL PLAY CLOODLE: CHARADES: Choose one CLOODLE: Choose an **ALL PLAY SCULPTORADES:** person from your team Everyone plays this all-play artist from your team who Everyone plays this all-play cloodle! Choose one artist can get you to guess the Sculptorades! Choose one who can get you to guess from each team to draw the artist from each team to the answer by using answer by drawing clues graph stated on paper no on paper with no talking, **sculpt** the 3D shape stated another person's arms in talking, letters or symbols. letters or symbols. I'll read below using clay with no your team to represent the The first team to guess the talking, letter or symbols. graph stated, no talking and the hint aloud, pass the answer wins an immediate card to the artist and then The first team to guess the the person who is being **bonus roll**. If this card was answer wins an immediate used to show the graph is start the timer. drawn on your turn, you get still able to guess. I'll pass bonus roll. If this card was another card after the the card to the person and drawn on your turn, you get winner's bonus role. then start the timer. another card after the winner's bonus roll. Hint: Angles



CLOODLE: Choose an artist from your team who can get you to guess the answer by drawing clues on paper with no talking, letters or symbols. I'll read the hint aloud, pass the card to the artist and then start the timer.

For this question the team must guess the 3D shape from the net your team member will draw.

Hint: 3D Shape

CLOODLE: Choose an artist from your team who can get you to guess the answer by **drawing** clues on paper with no talking, letters or symbols. I'll read the hint aloud, pass the card to the artist and then start the timer.

CHARADES: Choose one person from your team who can get you to guess the answer by using another person's arms in your team to represent the graph stated, no talking and the person who is being used to show the graph is still able to guess. I'll pass the card to the person and then start the timer.

ALL PLAY CLOODLE:

Everyone plays this all-play cloodle! Choose one artist from each team to draw the graph stated, on the back of this card, on paper no talking, letters or symbols. The first team to guess the answer wins an immediate **bonus roll.** If this card was drawn on your turn, you get another card after the winner's bonus role.

ALL PLAY SCULPTORADES:

Everyone plays this all-play Sculptorades! Choose one artist from each team to **sculpt** the 3D shape stated below using clay with no talking, letter or symbols. The first team to guess the answer wins an immediate bonus roll. If this card was drawn on your turn, you get another card after the winner's bonus roll.

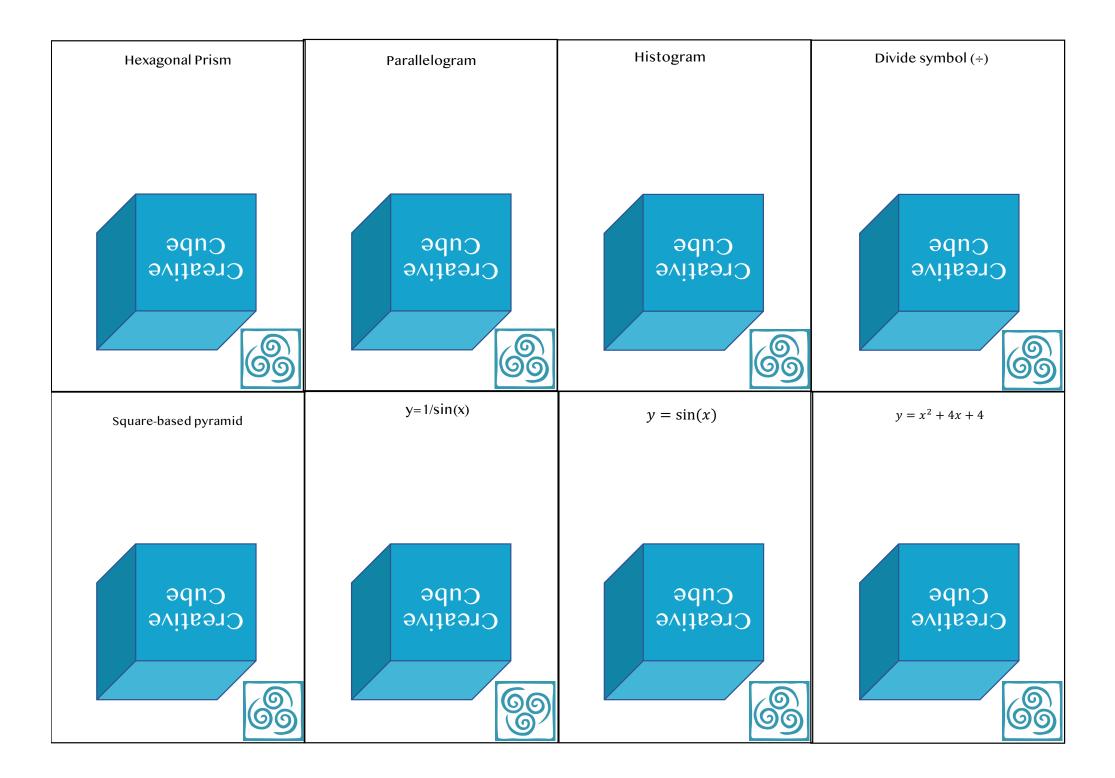
SENSOCKETCH: Choose an artist from your team who can get you to guess the answer by drawing clues on paper with no peeking, talking, letter or symbols. The artist's eyes must stay closed. I'll read the hint aloud, pass the card to the artist and then start the timer.

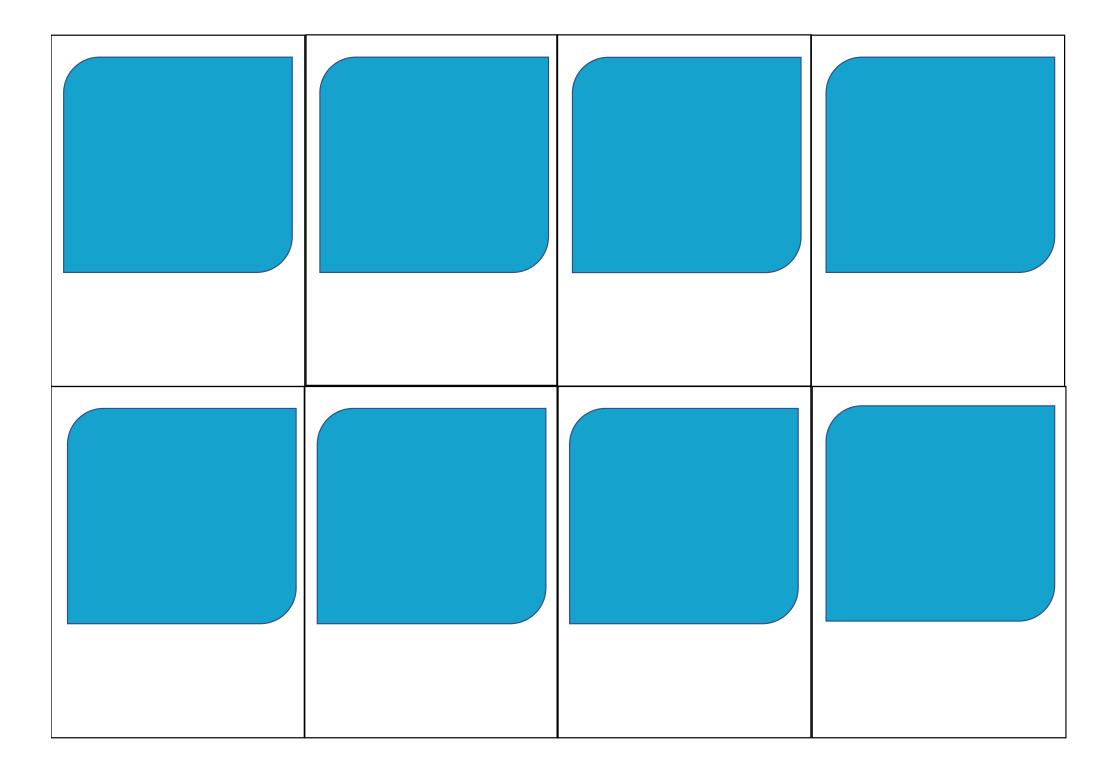
SENSOCKETCH: Choose an artist from your team who can get you to guess the answer by drawing clues on paper with no peeking, talking, letter or symbols. The artist's eyes must stay closed. I'll read the hint aloud, pass the card to the artist and then start the timer.

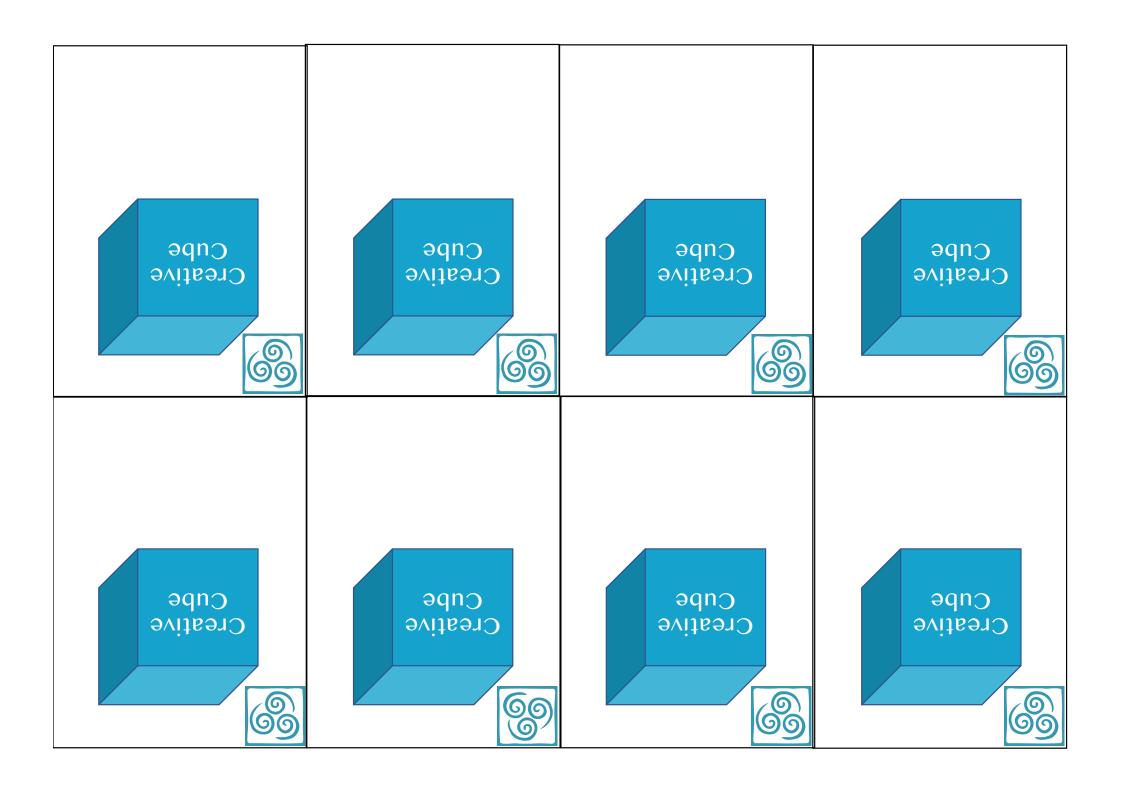
CHARADES: Choose one person from your team who can get you to guess the answer by using another person's arms in your team to represent the graph stated, no talking and the person who is being used to show the graph is still able to guess. I'll pass the card to the person and then start the timer.

Hint: Shape

Hint: Symbol

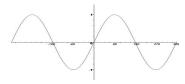






SELECTAQUEST: Your team must correctly answer the multiple- choice question below. I'll read the question and your choices aloud, pass the card to you and the start the timer.

Question:



What is this graph?

- a) $y = \cos(x)$
- b) $y = \sin(x)$
- c) $y = \tan(x)$
- d) None of the above

SELECTAQUEST: Your team must correctly answer the multiple-choice question below. I'll read the question and your choices aloud, pass the card to you and the start the timer.

Question:

2 slices of cake and 3 bags of crisps contain 910 calories. 3 slices of cake and 2 bags of crisps contain 1140 calories. How many calories are in one slice of cake (x) and one bag of crisps (y), individually?

a)
$$x=320, y=90$$

b)
$$x=32, y=9$$

- c) x=90, y=320
- d) x=9, y=32

team must correctly answer the multiple-choice question below. I'll read the question and your choices aloud, pass the card to you and the start the timer.

Question:

What is name of the famous mathematician who created the formula $a^2 + b^2 = c^2$ for right angled triangles?

- a) Hypotenuse
- b) Pythagoras
- c) Newton
- d) Trigonometry
- e) None of the above

SELECTAQUEST: Your team must correctly answer the multiple-choice question below. I'll read the question and your choices aloud, pass the card to you and the start the timer.

Question:

Which equation is perpendicular to the *x* axis?

a)
$$y = -10$$

b)
$$x - y = 0$$

c)
$$x = 5$$

d)
$$x + y = 0$$

e) None of the above

selectaquest: Your team must correctly answer the multiple-choice question below. I'll read the question and your choices aloud, pass the card to you and the start the timer.

Question:

What is the highest common factor of 6xy² and 4x³y

a) 2xy

b) $2xy^2$

c) $12x^3y^2$

d) $24x^4y^3$

e) None of the above

FACTOID: Your team must correctly answer the **question** below. I'll read the question aloud, pass the card to you and then start the timer.

Question:

Can you represent the number 6 with three identical digits? You can only use arithmetic operations (plus minus, multiply and divide), square roots and factorials.

 $1 \ 1 \ 1 = 6$ $4 \ 4 \ 4 = 6$

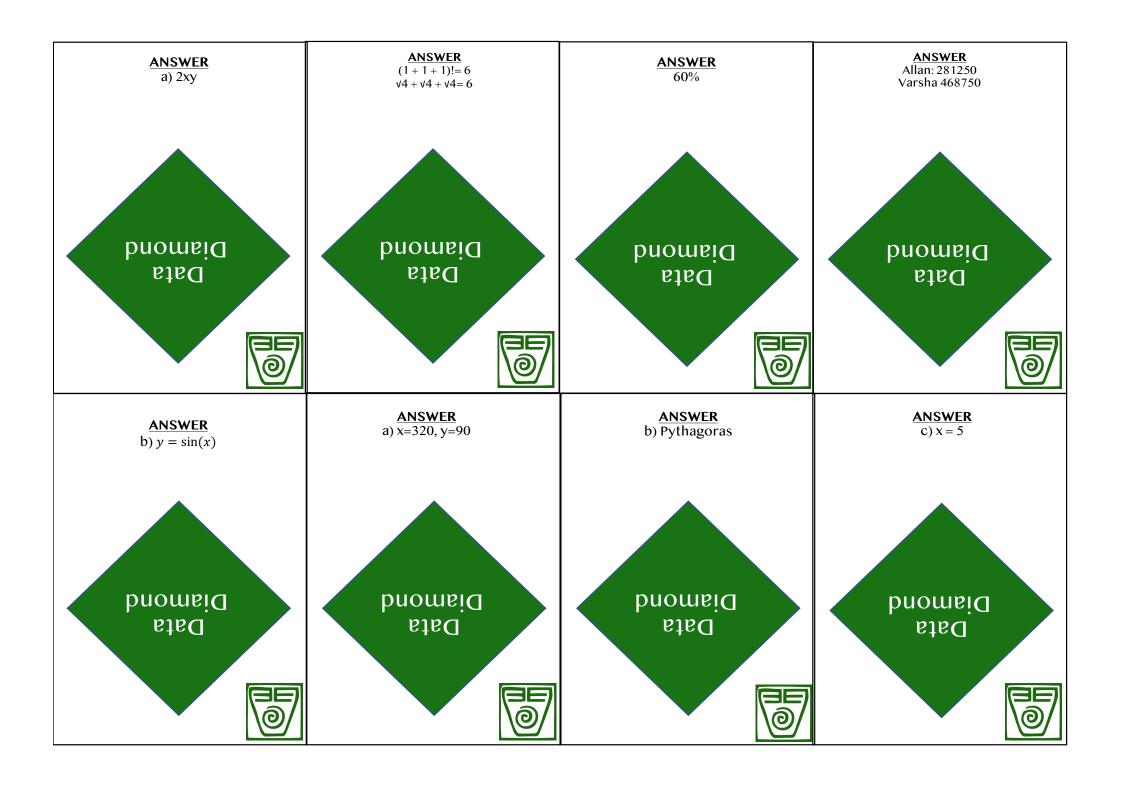
FACTOID: Your team must correctly answer the question below. I'll read the question aloud, pass the card to you and then start the timer.

Question:

Meera takes two Mathematics exams and scores 28 out of 100 on test A and 73 out of 80 on test B. Work out her percentage score for both exams combined to the nearest whole number. FACTOID: Your team must correctly answer the question below. I'll read the question aloud, pass the card to you and then start the timer.

Question:

Allan and Varsha won a lottery of £750, 000 and want to split their winnings according to the ratio 3:5. Work out how much each person receives.



FACTOID: Your team must correctly answer the question below. I'll read the question aloud, pass the card to you and then start the timer.

Question:

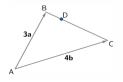
A man is walking his dog on a straight path of a length of 60m, it takes him 15 seconds to reach the end of the road. What is his speed? Write your answer in metres per second FACTOID: Your team must correctly answer the question below. I'll read the question aloud, pass the card to you and then start the timer.

Question:

The students below were given their marks back for a maths test they had recently taken. Work out the mode, median, range and average of the 7 scores to the nearest whole number.

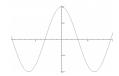
Raj- 12, Olivia- 12, Meera- 15, Rakeeza- 17, Varsha- 10, Maani- 11 and Allan-13. POLYGRAPH: Your team must determine whether the statement below is **true** or **false**. I'll read the statement aloud, pass the card to you then start the timer.

Statement:



The length of the vector BD in terms of a and b is BD = $\frac{-3}{4}a + b$ such that BD:DC = 1:3 POLYGRAPH: Your team must determine whether the statement below is **true** or **false**. I'll read the statement aloud, pass the card to you then start the timer.

Statement:



The graph above is $y = \tan(x)$

POLYGRAPH: Your team must determine whether the statement below is **true** or **false**. I'll read the statement aloud, pass the card to you then start the timer.

Statement:

 $9^3 = 9 \times 9 \times 9 \times 9$

<u>POLYGRAPH</u>: Your team must determine whether the statement below is **true** or **false**. I'll read the statement aloud, pass the card to you then start the timer.

Statement:

 $113 \div 0 = 0$

POLYGRAPH: Your team must factorise the below equation. I'll read the statement aloud, pass the card to you then start the timer.

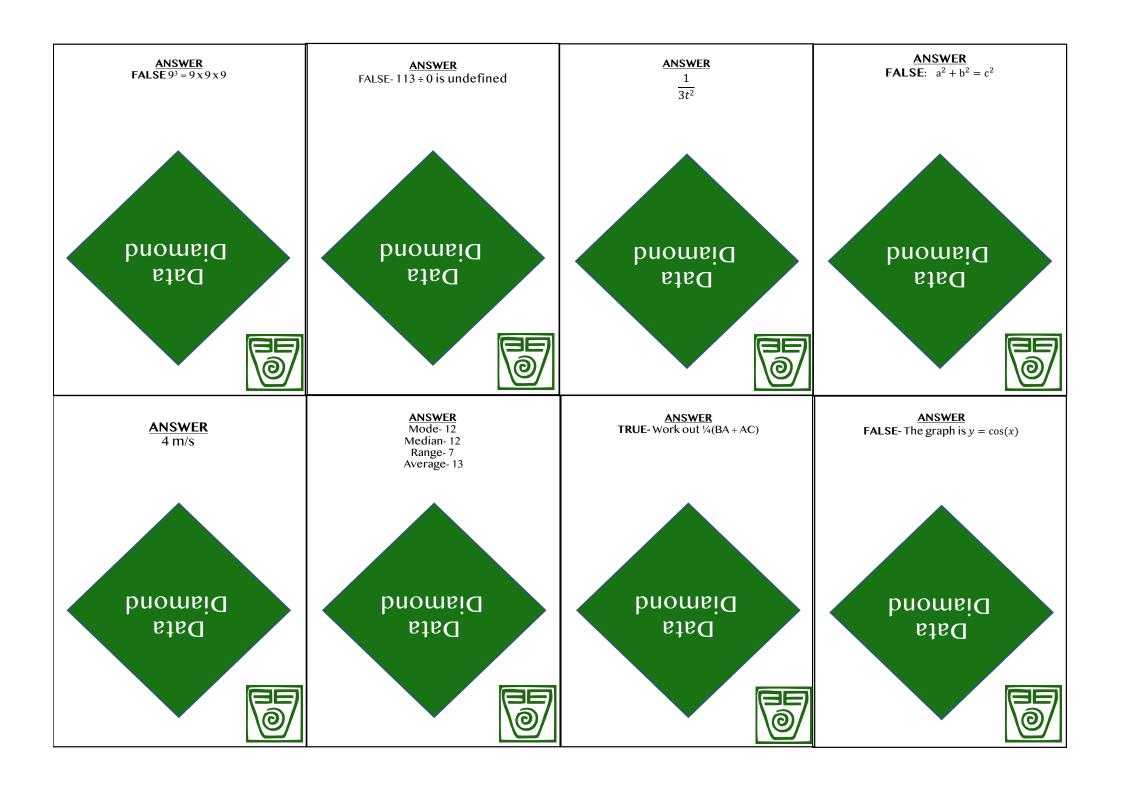
Statement:

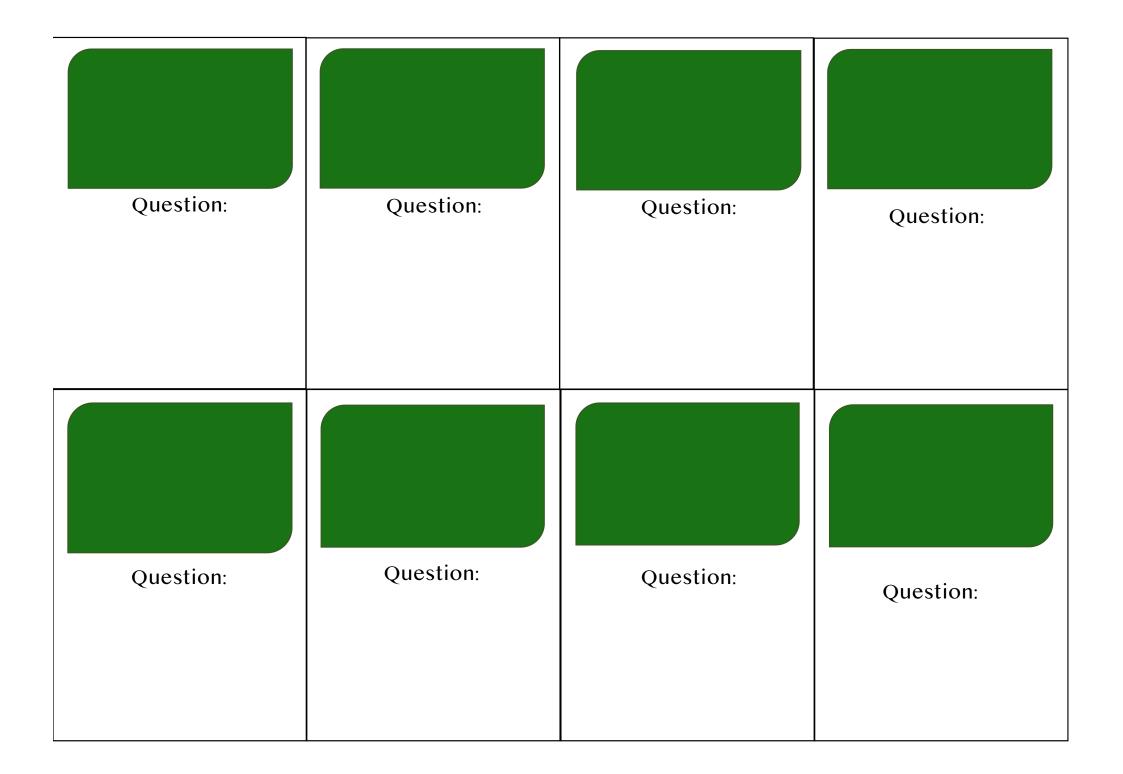
 $\frac{9t^3}{27t^5}$

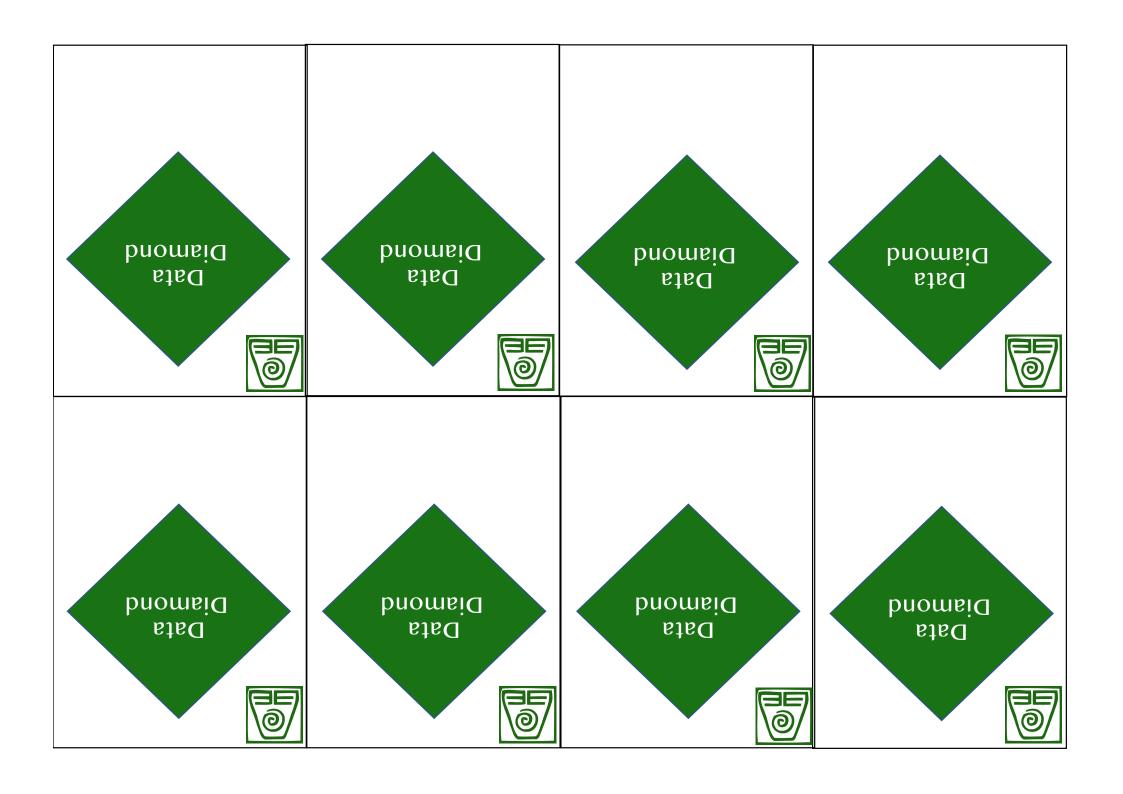
POLYGRAPH: Your team must determine whether the statement below is **true** or **false**. I'll read the statement aloud, pass the card to you then start the timer.

Statement:

$$a^2 + b^2 = (c^2)^{0.5}$$







ZEPULZ: Your team must rearrange the letters in the mixed-up puzzle below to find the answer. I'll read the hint and puzzle aloud, pass the card to you and start the timer.

Puzzle:

QUEST OR OAR

Hint: Power

ZEPULZ: Your team must rearrange the letters in the mixed-up puzzle below to find the answer. I'll read the hint and puzzle aloud, pass the card to you and start the timer.

Puzzle:

IN REAL

Hint: Line

ZEPULZ: Your team must rearrange the letters in the mixed-up puzzle below to find the answer. I'll read the hint and puzzle aloud, pass the card to you and start the timer.

Puzzle:

GET IN RAD

Hint: Slope

ZEPULZ: Your team must rearrange the letters in the mixed-up puzzle below to find the answer. I'll read the hint and puzzle aloud, pass the card to you and start the timer.

Puzzle:

LION AIR RAT

Hint: Never ending decimal (that is not recurring)

ZEPULZ: Your team must rearrange the letters in the mixed-up puzzle below to find the answer. I'll read the hint and puzzle aloud, pass the card to you and start the timer.

Puzzle:

NO GLYPO

Hint: Shape made from straight lines

TEAM GNILLEPS: Your team must work together to spell the word below backwards on the first try (without writing it down). All players on your team take alternating turns, adding one letter at a time to spell the word in reverse. I'll read the word aloud and then start the timer.

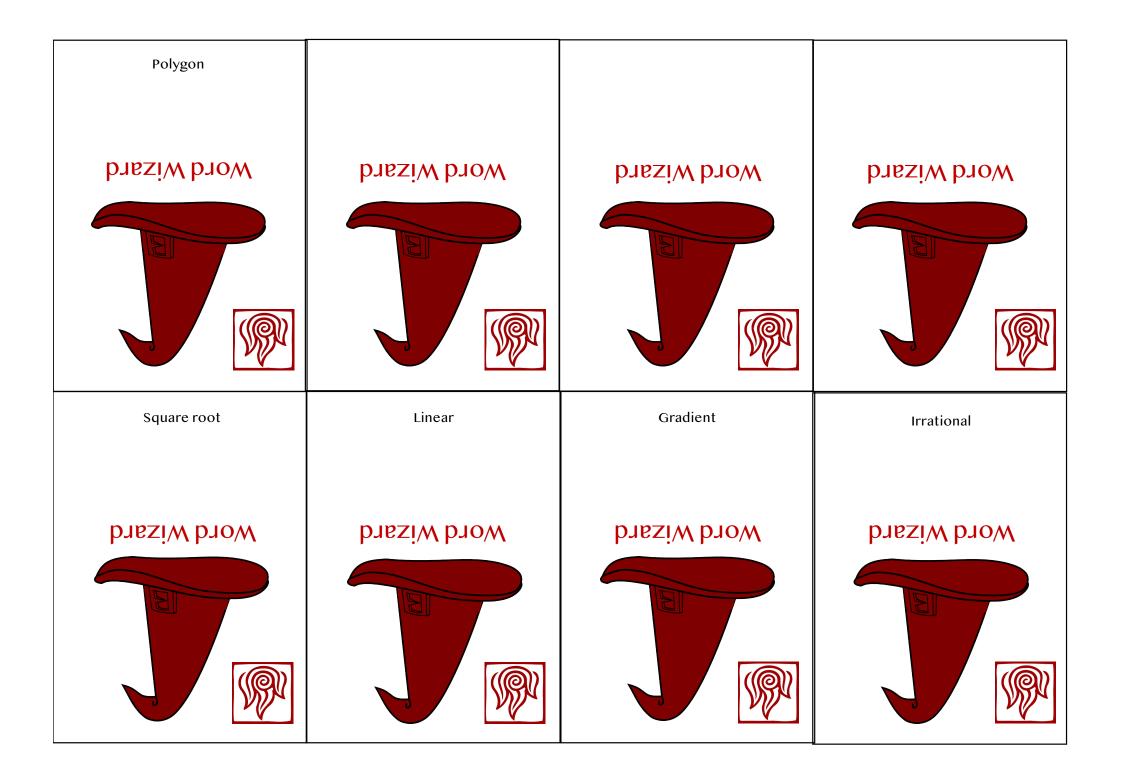
DODECAHEDRON

TEAM GNILLEPS: Your team must work together to spell the word below backwards on the first try (without writing it down). All players on your team take alternating turns, adding one letter at a time to spell the word in reverse. I'll read the word aloud and then start the timer.

HYPOTENUSE

TEAM GNILLEPS: Your team must work together to spell the word below backwards on the first try (without writing it down). All players on your team take alternating turns, adding one letter at a time to spell the word in reverse. I'll read the word aloud and then start the timer.

TRANSLATION



TEAM GNILLEPS: Your team must work together to spell the word below backwards on the first try (without writing it down). All players on your team take alternating turns, adding one letter at a time to spell the word in reverse. I'll read the word aloud and then start the timer.

TEAM GNILLEPS: Your team must work together to spell the word below backwards on the first try (without writing it down). All players on your team take alternating turns, adding one letter at a time to spell the word in reverse. I'll read the word aloud and then start the timer.

TEAM GNILLEPS: Your team must work together to spell the word below backwards on the first try (without writing it down). All players on your team take alternating turns, adding one letter at a time to spell the word in reverse. I'll read the word aloud and then start the timer.

Two or more players on your team must match at least one answer with another teammate. Each player on your team secretly writes down three words that come to mind when thinking of the below topic. I'll read the word

aloud, pass the card to you

and then start the timer.

WORD ASSOCIATION

CIRCUMFERENCE

COEFFICENT

RATIONALISE

Topic:

Graphs

WORD ASSOCIATION

Two or more players on your team must match at least one answer with another teammate. Each player on your team secretly writes down three words that come to mind when thinking of the below topic. I'll read the word aloud, pass the card to you and then start the timer.

Topic:

Numbers

WORD ASSOCIATION

Two or more players on your team must match at least one answer with another teammate. Each player on your team secretly writes down three words that come to mind when thinking of the below topic. I'll read the word aloud, pass the card to you and then start the timer.

Topic:

Shapes

WORD ASSOCIATION

Two or more players on your team must match at least one answer with another teammate. Each player on your team secretly writes down three words that come to mind when thinking of the below topic. I'll read the word aloud, pass the card to you and then start the timer.

Topic:

Famous Mathematicians

WORD ASSOCIATION

Two or more players on your team must match at least one answer with another teammate. Each player on your team secretly writes down three words that come to mind when thinking of the below topic. I'll read the word aloud, pass the card to you and then start the timer.

Topic:

Angles







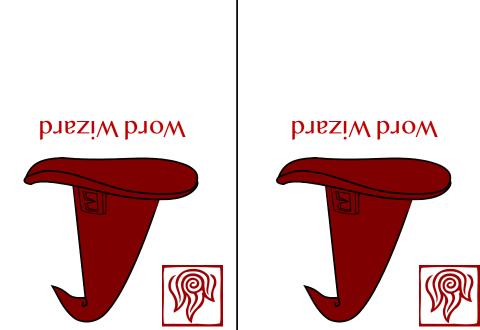


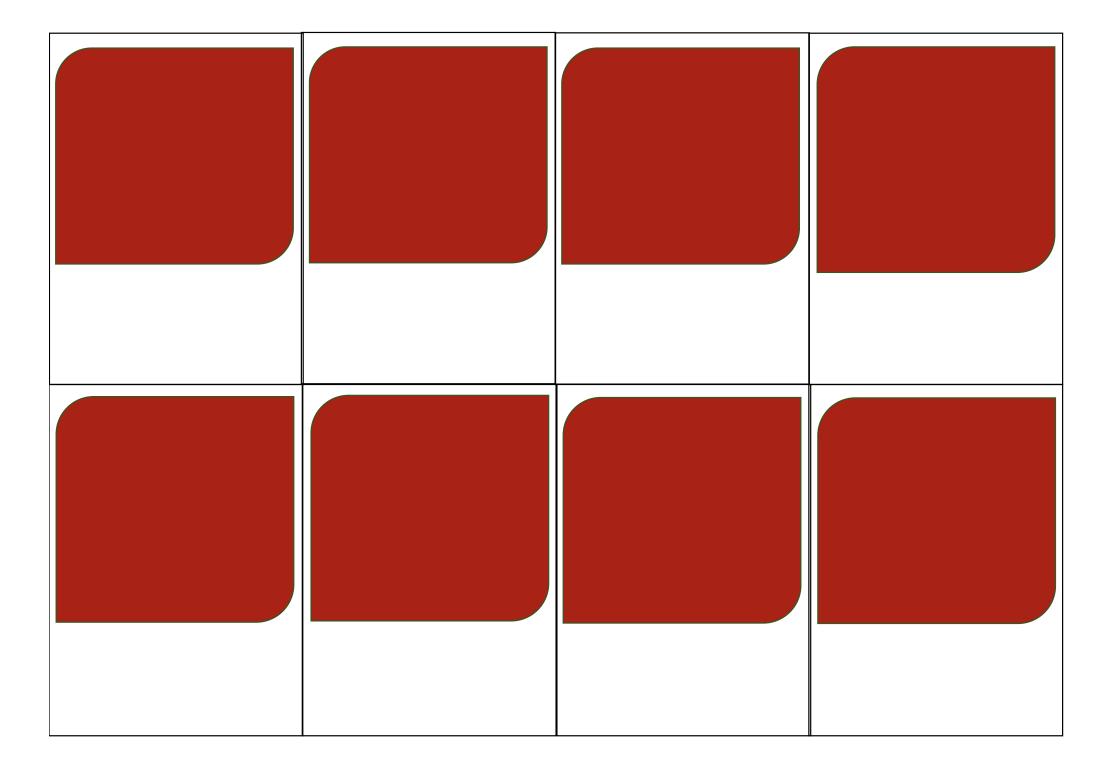


















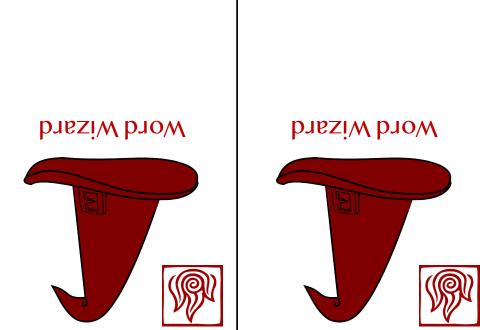












BLANK SPACE: Choose a player from your team to fill in the Blank Spaces and thus perform the arithmetic as stated in the question. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

2 Fast __ Furious + Jump Street BLANK SPACE: Choose a player from your team to fill in the Blank Spaces and thus perform the arithmetic as stated in the question. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

Around the World in __ Days

__ Things I Hate About You

BLANK SPACE: Choose a player from your team to fill in the Blank Spaces and thus perform the arithmetic as stated in the question. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

__ Days of Summer

__ Dalmations

BLANK SPACE: Choose a player from your team to fill in the Blank Spaces and thus perform the arithmetic as stated in the question. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

____ Dollar Baby

×

The ____ Musketeers

BLANK SPACE: Choose a player from your team to fill in the Blank Spaces and thus perform the arithmetic as stated in the question. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

Big Hero __

____Weddings and a Funeral

=____

BLANK SPACE: Choose a player from your team to fill in the Blank Spaces and thus perform the arithmetic as stated in the question. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

Fantastic ____

Apollo __

BLANK SPACE: Choose a player from your team to fill in the Blank Spaces and thus perform the arithmetic as stated in the question. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

__Years a Slave

____ Dark Thirty

BLANK SPACE: Choose a player from your team to fill in the Blank Spaces and thus perform the arithmetic as stated in the question. I'll read the hint aloud, pass the card to the player and start the timer.

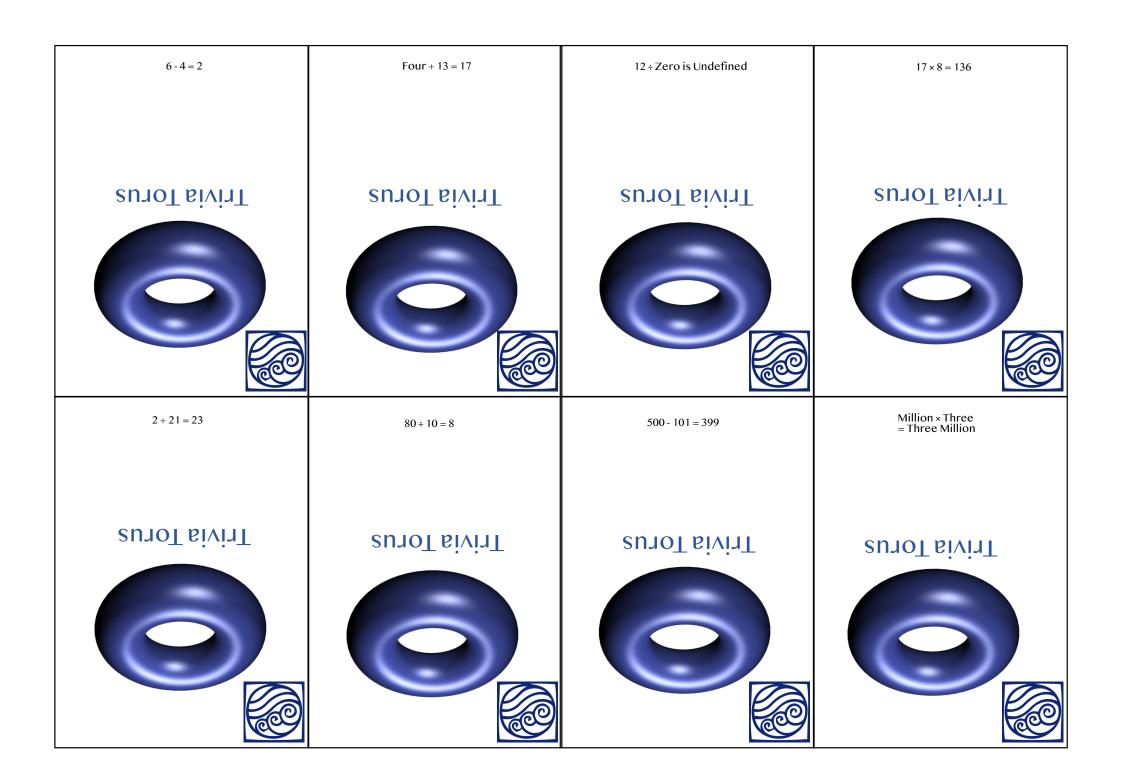
Question:

__ Again

×

__ Mile

=___



THE QUESTION: Choose a player from your team to answer The Question below about general movie trivia. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

Which movie is about a mathematician who made significant contributions to the game theory in the 1950s, which became the basis for much of modern economics?

THE QUESTION: Choose a player from your team to answer The Question below about general movie trivia. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

Which Disney film was Lindsay Lohan's film debut THE QUESTION: Choose a player from your team to answer The Question below about general movie trivia. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

Which movie features Bruce Willis as John McClane, a New York police officer, taking on a gang of criminals in a Los Angeles skyscraper on Christmas Eye? THE QUESTION: Choose a player from your team to answer The Question below about general movie trivia. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

Which actress plays Katniss Everdeen on the Hunger Games movies?

THE QUESTION: Choose a player from your team to answer The Question below about general movie trivia. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

Who played Jack Dawson in the 1997 epic Titanic?

THE QUESTION: Choose a player from your team to answer The Question below about general movie trivia. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

Which English actor won the 2014 Academy Award for best actor for his role in The Theory of Everything?

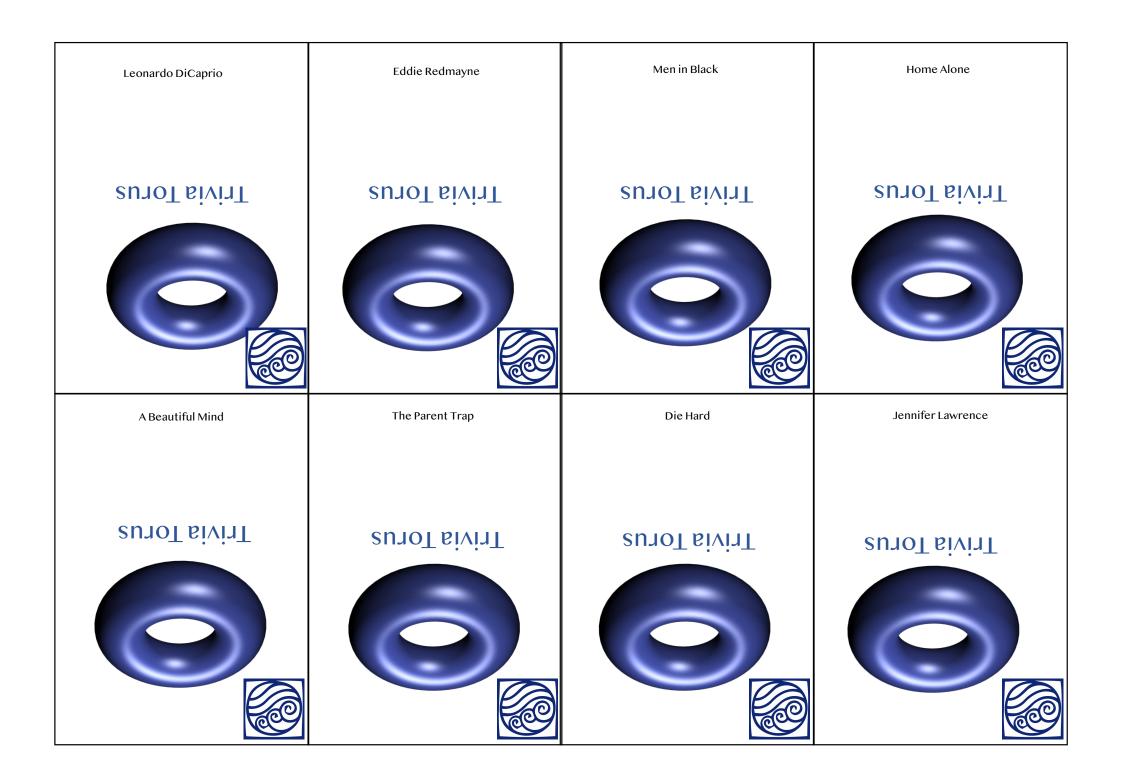
THE QUESTION: Choose a player from your team to answer The Question below about general movie trivia. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

Which 1997 science fiction movie starring Will Smith and Tommy Lee Jones tells the story of a secret agency that polices alien refugees who are living on Earth disguised as humans? THE QUESTION: Choose a player from your team to answer The Question below about general movie trivia. I'll read the hint aloud, pass the card to the player and start the timer

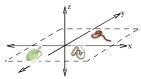
Question:

Which movie was the famous line "Keep the change ya filthy animal" said in?



DIADRAMATIC: Choose a player from your team to guess the name of the movie based on the given mathematical representations. I'll read the hint aloud, pass the card to the player and start the timer.

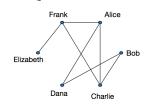
Question:



DIADRAMATIC: Choose a player from your team to guess the name of the movie based on the given mathematical representations. I'll read the hint aloud, pass the card to the player and start the timer.



Question:



DIADRAMATIC: Choose a player from your team to guess the name of the movie based on the given mathematical representations. I'll read the hint aloud, pass the card to the player and start the timer.

Hint: Eva

Question:



player from your team to guess the name of the movie based on the given mathematical representations. I'll read the hint aloud, pass the card to the player and start the timer.

Hint: Median and mode

Question:

$$\frac{1}{n} \sum_{i=1}^{n} \sum_{i=1}^$$

DIADRAMATIC: Choose a player from your team to guess the name of the movie based on the given mathematical representations. I'll read the hint aloud, pass the card to the player and start the timer.

Question:

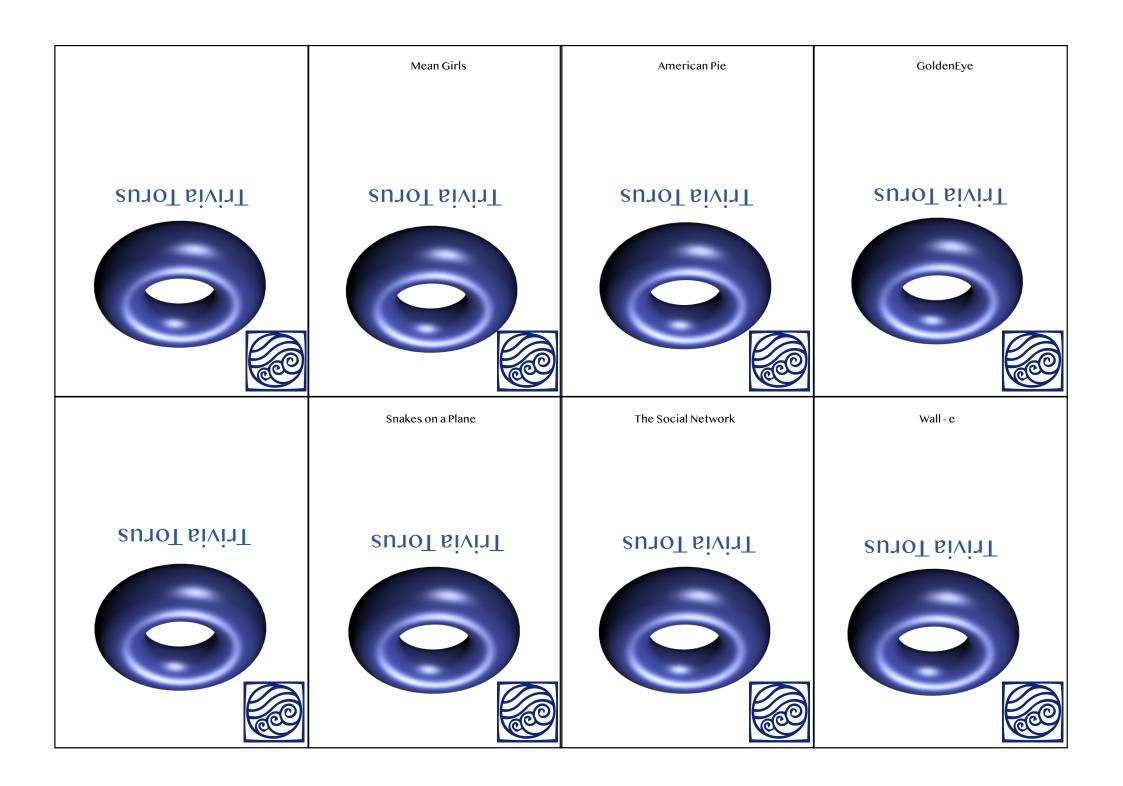


DIADRAMATIC: Choose a player from your team to guess the name of the movie based on the given mathematical representations. I'll read the hint aloud, pass the card to the player and start the timer.

Hint: James Bond

Question:





Answer the following question in 1 min. 5% of a number is of 31. 1% of the number Is 6.2. Work out the number. Right-Stay in your place Wrong- Go back one place	Answer the question in 1 min. x:y=7:4 x+y=88 Work out the value of x-y Right-Stay in your place Wrong- Go back one place	Answer the question in 1 min. What is 3408.5034 x 10^-5? Right-Stay in your place Wrong- Go back one place	Answer the question in 1 min. Solve 7x-4=1+2x. The value of x is how many spaces you move back.	Team to your right moves one space forward	Team to your left moves one space forward.
Answer the the question in 1 min Solve $3x < 4x + 5$ Right-Stay in your place Wrong- Go back one place	Answer the the question in 1 min. Solve 2x + 1 > 4x - 6 Right-Stay in your place Wrong- Go back one place	Go back √4 spaces	Go back √9 spaces	Go back ⁽³⁺⁵⁾ / ₄ spaces	Recall as many prime numbers you can in 5 seconds. Move back 5 minus the number of prime numbers you recalled. E.G if 3 prime numbers are recalled move back 2 spaces. If 5 or more prime numbers are recalled you can stay where you are
In 7 secs recall as many 13 timetables (starting from 1x13). Move back 5 minus the number of timetables you recalled. E.G. if you reached 3x13 move back 2 spaces. If 5 or more recalled you stay where you are.	In 7 secs recall as many 10 timetables (starting from 1x10). Move back 5 minus the number of timetables you recalled. E.G if you reached 3x10 move back 2 spaces. If 5 or more recalled you stay where you are.	Make your own forfeit.	Make your own forfeit.	Make your own forfeit.	Make your own forfeit.

x>-5	x < 3.5	x < 3.5		
620	x - y = 64	0.034085034		