

TIC TAC KNOW

Materials

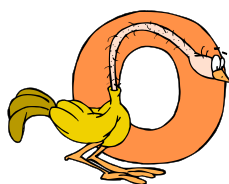
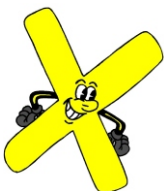
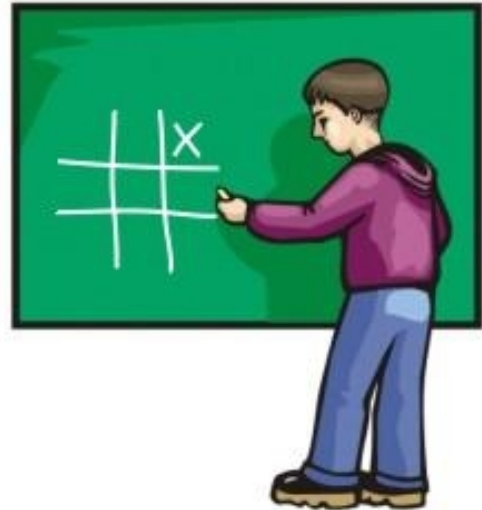
For each pair of students:
4 Tic Tac Know boards
10 game tokens (2 colors)

Number of Players

2

Directions

1. Divide the students into pairs.
2. The player with the shortest hair is Player 1.
3. To begin the game, Player 1 may choose any question on the game board to answer. If the answer is correct, Player 1 places his or her game token in that square. If the answer is incorrect, no game token is placed in the square.
4. Player 2 takes his or her turn choosing a square without a token in it.
5. Play continues in this manner until a player gets three of his or her game tokens in a row (horizontally, vertically, diagonally) or there are no more empty squares on the board.
6. The winner is the first player to cover three squares in a row. If neither player has three squares in a row, the winner is determined by the player with the greatest number of covered squares.



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BOARD 1

The number of square units needed to cover a surface

A solid figure with a circular base and one vertex

The answer to a subtraction problem

A number that names part of a whole or part of a group

A polygon with five sides

An angle that has a measure greater than 90°

Two lines that intersect to form four right angles

A closed plane figure with straight sides

The likelihood an event will happen

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BOARD 2

The answer
to a
multiplication
problem

Figures that
have the same
shape but
different
sizes

A movement of a
figure to a new
position by
flipping the figure
over a line

The answer
to an
addition
problem

A solid
figure with
six congruent
square faces

A part of a line
that begins at one
endpoint, and
continues without
end in one direction

An angle that
forms a square
corner and has
a measure of
 90°

A solid figure
with a curved
surface, no
edges, vertices,
or faces

A solid figure
with a curved
surface and
two circular
bases

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BOARD 3

An angle that
measures less
than 90°

Having the
same size
and shape

The part of the
fraction that
tells how many
equal parts are
in the whole

One of ten
equal parts

Having the
same value or
naming the
same amount

A flat
surface of
a solid
figure

A polygon with
six sides and
six angles

The distance
around a
figure

The answer to
a division
problem

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BOARD 4

Lines that stay exactly the same distance apart

A line segment where two faces of a solid figure meet

An arrangement that shows objects in rows and columns

A straight path extending in both directions with no endpoints

A line that divides a figure into two congruent parts

A solid figure in which all six faces are rectangles

A polygon with eight sides and eight angles

To find an answer that is close to the exact answer

Part of a line with two endpoints

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ANSWER SHEET

BOARD 1

Area	Cone	Difference
Fraction	Pentagon	Obtuse angle
Perpendicular	Polygon	Probability

BOARD 2

Product	Similar	Reflection
Sum	Cube	Ray
Right angle	Sphere	Cylinder

BOARD 3

Acute angle	Congruent	Denominator
Tenth	Equivalent	Face
Hexagon	Perimeter	Quotient

BOARD 4

Parallel lines	Edge	Array
Line	Line of symmetry	Rectangular prism
Octagon	Estimate	Line segment