

TIC TAC KNOW

Materials

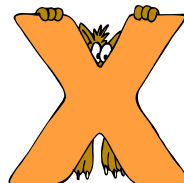
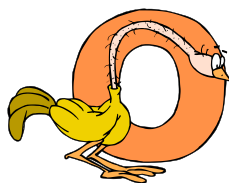
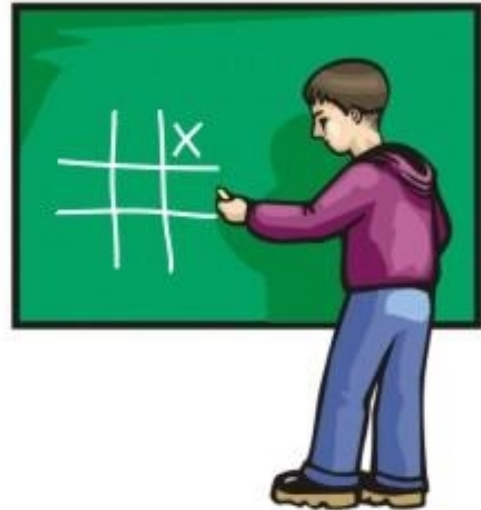
For each pair of students:
4 *Tic Tac Know* boards
12 game tokens (2 colors)

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 chooses 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 wrong, 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, or 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

An angle that
measures less
than 90°

Numbers that
have more
than two
factors

A number that
is made up of
a whole number
and a fraction

Lines that stay
exactly the same
distance apart

The action of
sliding a
figure in any
direction

The answer to a
multiplication
problem

A solid figure
in which all
six faces are
rectangles

A quadrilateral
whose opposite
sides are
parallel and
congruent

A solid figure
with six
congruent
square faces

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BOARD 2

The distance
around a figure

An angle whose
measure is
greater than
 90°

A diagram that
shows the prime
factors of a
composite number

Numbers that
have only two
factors, one
and itself

The number that
occurs most
often in a
list of data

Two lines that
intersect to
form four
right angles

A quadrilateral
with one pair of
parallel sides

A line segment
where two
faces of a
solid figure
meet

The answer in
a division
problem

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BOARD 3

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

A straight path extending in both directions with no endpoints

The largest common factor two or more numbers have in common

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

An angle that measures 90°

The difference between the greatest and the least number in a set of data

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

A line that divides a figure into two congruent parts

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

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BOARD 4

A flat surface
of a solid
figure

A unit for
measuring
angles and for
measuring
temperature

Having the
same shape
and size

The action of
turning a
figure around
a point or
vertex

The middle
number in an
ordered list
of numbers

Part of a line
with two
endpoints

The answer to
an addition
problem

Fractions
that name
the same
number

A closed plane
figure with
straight sides

TIC TAC KNOW

ANSWER SHEET

BOARD 1

Acute angle	Composite	Mixed number
Parallel lines	Translation	Product
Rectangular prism	Parallelogram	Cube

BOARD 2

Perimeter	Obtuse angle	Factor tree
Prime	Mode	Perpendicular
Trapezoid	Edge	Quotient

BOARD 3

Ray	Line	Greatest common factor
Denominator	Right angle	Range
Sphere	Line of symmetry	Reflection

BOARD 4

Face	Degree	Congruent
Rotation	Median	Line segment
Sum	Equivalent fractions	Polygon