

## by Teresa Evans

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\author{

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## JuNgLe ViNeS

2-4 players

(Three simple steps and you're ready to play!)

1. Print the Jungle Vines Board.
2. Print the instruction cards.
3. Choose which game you want the kids to play.

Play Jungle Vines - Throw 1 to practice multiples of numbers up to 6 .
Play Jungle Vines - Throw 2 to practice multiples of numbers up to 12.

|  | 959 | 2 F | iNiSH | 90 | 9 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 81 | 70 | 80 | 75 | 88 | 72 | 84 |
| 62 | 66 | 65 | 63 | 64 | 60 | 65 |
| 51 | 54 | 50 | 52 | 57 | 55 | 56 |
| 40 | 45 | 44 | 48 | 42 | 46 | 49 |
| 34 | 38 | 30 | 36 | 40 | 32 | 35 |
| 21 | 28 | 22 | 24 | 27 | 25 | 26 |
| 2 | 20 | 15 | 14 | 16 | 10 | 18 |
| Start |  |  |  |  |  |  |

## JuNgle ViNeS INStructions

Below you will find the instruction cards for 2 different games that can be played with your Jungle Vines board.

## JuNgle Vines - Throw 1 <br> a game for 2 players

Each player puts a marker on the start.
Players take turns to throw a dice. The player can move the marker up to the first row onto any number that is a multiple of the number on the dice, e.g. if a 5 is thrown, a player can move to 15,20 or 10.
On the player's next throw they must move to number that is a multiple of the number thrown on that turn but the player can only move one space across, up or diagonally, e.g. from the 20 space a player who throws 6 could only move across to 12 . If the player throws 3 they could move diagonally to 21.
If a player can't move on the turn, the player stays on the same space.
The first player to reach the finish is the winner.

## JuNgLe ViNeS - Throw 2 <br> a game for 2 players

Each player puts a marker on the start.
Players take turns to throw 2 dice. The player adds the 2 numbers together and can move the marker up to the first row onto any number that is a multiple of the total of the 2 dice, e.g. if a 5 and 2 is thrown, a player can move to 14 as 14 is a multiple of 7 .
On the player's next throw they must move to number that is a multiple of the total of the 2 dice on that turn but the player can only move one space across, up or diagonally, e.g. from the 14 space a player who throws 6 and 3 could only move up to 27. If the player throws 4 and 6 they can't move at all as no adjoining number is a multiple of 10 . If a player can't move on the turn, the player stays on the same space.
The first player to reach the finish is the winner.

## Sea TiMe

(Three simple steps and you're ready to play!)

1. Print the Sea Time Board and Instruction Card.
2. Print the card sets and cut into cards.
3. Choose which set of cards you want the kids to use.

Use the Addition Cards to practice addition to $9+9$.
Use the Multiplication Cards to practice multiplication to $9 \times 9$.
Use the Subtraction Cards to practice subtraction to 18-9.
Use the Division Cards to practice division to $81 \div 9$.
Use the Fraction Cards to practice calculating fractions of numbers.


The Math Board Games Book

# Sea TiMe 



## Instructions

1. Each player chooses a block of 9 squares.
2. The set of cards is spread out face down on the table.
3. Players take turns to pick a card. If the player can find the answer for the card on one of their squares, then that square is covered with the card. If the answer is not on a blank square the card is returned to the table face down.
4. The first player to cover all 9 squares is the winner.

Sea TiMe - Addition Card Set

| $\begin{array}{r} \text { sT } \square \\ +\quad 7 \\ \hline 8 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +\quad 9 \\ \hline 13 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +\quad 5 \\ \hline 12 \\ \hline \end{array}$ | $\begin{aligned} & \text { st } \square \\ & +\quad 8 \\ & \hline 17 \\ & \hline \end{aligned}$ | $\begin{array}{r} \text { st } \square \\ +\quad 8 \\ \hline \\ \hline \end{array}$ | $\begin{array}{\|l} \text { st } \square \\ +\quad 3 \\ \hline 10 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{r} \text { st } \square \\ +\quad 3 \\ \hline 12 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +\quad 6 \\ \hline 11 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \quad \square \\ +\quad 6 \\ \hline 13 \\ \hline \end{array}$ | $\begin{array}{r} \text { sT } \square \\ +\quad 8 \\ \hline 16 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +\quad 7 \\ \hline 13 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +\quad 9 \\ \hline 11 \\ \hline \end{array}$ |
| $\begin{array}{r} \text { sT } \square \\ +\quad 8 \\ \hline 13 \\ \hline \end{array}$ | $\begin{array}{r} \text { sT } \square \\ +\quad 6 \\ \hline 14 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +\quad 4 \\ \hline 13 \\ \hline \end{array}$ | $\begin{array}{r} \text { ST } \square \\ +\quad 9 \\ \hline 15 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +\quad 7 \\ \hline 11 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +6 \\ \hline 9 \\ \hline \end{array}$ |
| $\begin{array}{r} \text { sT } \square \\ +\quad 9 \\ \hline 10 \\ \hline \end{array}$ | $\begin{array}{r} \square \square \\ +\quad 8 \\ \hline 14 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +\quad 7 \\ \hline 16 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +\quad 8 \\ \hline 11 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +\quad 9 \\ \hline 18 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ +\quad 7 \\ \hline 15 \\ \hline \end{array}$ |
| $\begin{array}{r} \text { st } \quad 9 \\ +\square \\ \hline 14 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \\ +\square \\ +\quad \square \\ \hline 10 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } 8 \\ +\square \\ \hline \quad \square \\ \hline \end{array}$ | $\text { sT } \begin{array}{r} 6 \\ +\square \\ \hline 8 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } 8 \\ +\quad \square \\ \hline 12 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \\ +\square \\ \hline \\ \hline 16 \\ \hline \end{array}$ |
| $\begin{array}{r} \text { st } \\ +\quad \\ +\square \\ \hline 17 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } 8 \\ +\square \\ \hline 15 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } 8 \\ +\square \\ \hline 11 \\ \hline \end{array}$ | $\text { st } \begin{array}{r} 6 \\ +\square^{2} \\ \hline 12 \\ \hline \end{array}$ | $\begin{array}{r} \text { sT } \\ +\square \\ +\square \\ \hline 12 \\ \hline \end{array}$ | $\begin{array}{\|} \text { ST } 8 \\ +\quad \square^{12} \\ \hline 12 \\ \hline \end{array}$ |
| $\begin{array}{r} \text { sT } \\ +\quad \square^{2} \\ \hline \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \\ +\square \\ +\square \\ \hline 7 \end{array}$ | $\begin{array}{r} \text { st } \\ +\quad \square \\ +\quad \square \\ \hline 10 \\ \hline \end{array}$ | $\begin{array}{r} \text { sT } \\ +\square \\ \hline \quad \square \\ \hline 7 \end{array}$ | $\begin{array}{r} \text { sT } 5 \\ +\square \\ \hline 9 \\ \hline \end{array}$ |  |

Sea TiMe - MuLtipLication Card Set

| $\begin{array}{r} \text { si } \square \\ \mathbf{x} 9 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ \mathbf{x} 6 \\ \hline \end{array}$ | $\begin{array}{r} \text { si } \square \\ \times \quad 4 \\ \hline \end{array}$ | $\begin{array}{r} \text { si } \square \\ \mathbf{x} 7 \\ \hline \end{array}$ | $\begin{array}{r} \text { si } \square \\ \mathbf{x} 9 \\ \hline \end{array}$ | $\begin{array}{r} \text { si } \square \\ \times \quad 3 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 27 | 24 | 36 | 7 | 9 | 21 |
| $\begin{array}{r} \text { si } \square \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \quad \square \\ \mathbf{x} 9 \\ \hline \end{array}$ | $\begin{array}{r} \text { sT } \square \\ \times \quad 8 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ \mathbf{x} 6 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } \square \\ \mathbf{x} 3 \\ \hline \end{array}$ |  |
| 40 | 18 | 16 | 30 | 18 | 15 |
|  | st $\square$ | st $\square$ | st $\square$ | st $\square$ |  |
| + 8 | $\times 8$ | $\times 2$ | + 7 | $\times 8$ | + 6 |
| 32 | 40 | 12 | 49 | 64 | 54 |
| ${ }^{\text {sT }}$ | ${ }^{\text {sT }} \square$ |  | ${ }^{\text {sT }}$ | ${ }^{\text {sT }} \square$ |  |
| $\times 5$ | $\times 4$ | + 7 | x 4 | + 9 | + 7 |
| 5 | 8 | 21 | 16 | 45 | 42 |
| $\begin{aligned} & { }^{\text {st }} \quad 9 \\ & \frac{\mathrm{x}}{} \quad \square \\ & \hline 63 \end{aligned}$ | $\begin{array}{r} \text { sT } \\ \hline \times \square \\ \hline \end{array}$ | $\begin{array}{r} \text { si } 8 \\ \times \square \\ \hline 72 \end{array}$ | $\begin{array}{r} \text { sT } 8 \\ \times \square \\ \hline \end{array}$ | $\begin{array}{r} \text { si } \\ \hline \frac{x}{12} \\ \hline 1 \end{array}$ | $\begin{array}{r} \text { sT } \\ \times \square \\ \hline \end{array}$ |
| $\begin{array}{r} \text { sr } \quad 9 \\ \times \square \\ \hline 36 \end{array}$ | $\begin{array}{r} \text { st } \quad 5 \\ \times \quad \square \\ \hline 20 \end{array}$ | $\begin{array}{r} \text { sT } 8 \\ \times \quad \square \\ \hline 48 \end{array}$ | $\begin{array}{r} \text { sT } \quad 6 \\ \times \quad \square \\ \hline 42 \end{array}$ | $\begin{array}{r} \text { st } \\ \frac{\mathbf{x}}{72} \end{array}$ | $\begin{array}{r} \text { st } \quad 9 \\ \mathbf{x} \square \\ \hline 81 \end{array}$ |
|  |  |  |  |  |  |
| $\underline{x} \square$ | $x^{8}$ | $\underline{x}^{8}$ | $\underline{7}$ | $\times{ }^{7}$ | $\begin{array}{r} 7 \\ \times \square \end{array}$ |
| 54 | 56 | 24 | 63 | 35 | 56 |

Sea TiMe - Subtraction Card Set

| $\begin{array}{r} \text { sT } 10 \\ -\quad 9 \end{array}$ | $\begin{array}{r} \text { sT } 13 \\ -\quad 9 \end{array}$ | $\begin{array}{r} \text { sT } 12 \\ -7 \end{array}$ | $\begin{array}{r} \text { sT } 13 \\ -7 \end{array}$ | $\begin{array}{r} \text { sT } 16 \\ -\quad 9 \\ \hline \end{array}$ | $\begin{array}{r} \text { sT } 14 \\ -6 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ${ }^{\text {sT }} 13$ | ${ }^{\text {st }} 8$ | ${ }^{\text {st }} 10$ | ${ }^{\text {st }} 13$ | ${ }^{\text {st }} 10$ | ${ }^{\text {st }} 13$ |
| - 4 | - 7 | - 8 | -10 | - 6 | - 8 |
| ${ }^{\text {sT }} 11$ | ${ }^{\text {st }} 10$ | ${ }^{\text {sT }} 11$ | ${ }^{\text {sT }} 11$ | ${ }^{\text {sT }} 11$ | ${ }^{\text {sT }} 12$ |
| - 5 | - 3 | - 4 | - 9 | - 8 | - 9 |
|  |  |  |  |  |  |
| $\begin{array}{r} \text { sT } 17 \\ -\quad 9 \end{array}$ | $\begin{array}{r} 11 \\ -\quad 7 \\ \hline \end{array}$ | $\begin{array}{r} 15 \\ -9 \\ \hline \end{array}$ | $\begin{array}{r} 13 \\ -5 \\ \hline \end{array}$ | $\begin{array}{r} 14 \\ -95 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ \hline \end{array}$ |
|  |  |  |  |  |  |
| $\begin{gathered} \text { st } \\ -\quad \square \\ \hline \end{gathered}$ | $\begin{gathered} \text { st } 15 \\ -\quad \square \\ \hline \end{gathered}$ | $\begin{array}{r} \text { sT } 12 \\ -\square \\ \hline \end{array}$ | $\begin{array}{r} 16 \\ -\square \\ \hline 8 \end{array}$ | $\begin{array}{r} \text { sT } 14 \\ -\quad \square \\ \hline 7 \end{array}$ | $\begin{array}{r} 13 \\ -\square \\ \hline 4 \end{array}$ |
| $\begin{array}{r} 11 \\ -\square \\ \hline 10 \\ \hline \end{array}$ | $\begin{aligned} & \text { sT } 15 \\ & -\quad \square \\ & \hline \\ & \hline \end{aligned}$ | $\begin{array}{r} 13 \\ -\quad \square \\ \hline 6 \\ \hline \end{array}$ | $\begin{array}{r} \text { st } 12 \\ -\square \\ \hline 6 \\ \hline \end{array}$ | $\begin{array}{r} \text { sT } 15 \\ -\square \\ \hline 8 \\ \hline \end{array}$ | $\begin{array}{r} 17 \\ -\square \\ \hline 8 \\ \hline \end{array}$ |
| $\begin{array}{r} 14 \\ -\square \\ \hline \end{array}$ | $\begin{array}{r} \text { sT } 11 \\ -\quad \square \\ \hline 6 \end{array}$ | $\begin{array}{r} 10 \\ -\square \\ \hline 7 \end{array}$ | $\begin{array}{r} \text { st } 12 \\ -\square \\ \hline 10 \end{array}$ | $\begin{array}{r} \text { sT } 12 \\ -\quad \square \\ \hline 8 \end{array}$ | ${ }^{\text {st }} \frac{16}{-\square}$ |

Sea TiMe - Division Card Set


Sea TiMe - Fraction Card Set

| $\frac{1}{2} \text { of } 18=$ | $\frac{1}{5} \text { of } 30=$ | ST $\frac{1}{4}$ of $16=$ | $\frac{1}{8} \text { of } 16=$ | ST $\frac{1}{8} \text { of } 56=$ | $\frac{1}{9} \text { of } 72=$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\frac{1}{7} \text { of } 35=$ | $\frac{1}{8} \text { of } 24=$ | $\frac{1}{4} \text { of } 4=$ | ST $\frac{1}{7} \text { of } 63=$ | ST $\frac{1}{8} \text { of } 48=$ | ST $\frac{1}{6} \text { of } 48=$ |
| $\frac{1}{7} \text { of } 49=$ | $\frac{1}{8} \text { of } 32=$ | $\frac{1}{9} \text { of } 27=$ | $\frac{1}{7} \text { of } 14=$ | $\frac{1}{9} \text { of } 45=$ | ST $\frac{1}{9} \text { of } 9=$ |
| $\frac{1}{5} \text { of } 45=$ | $\frac{1}{6} \text { of } 36=$ | $\frac{1}{7} \text { of } 28=$ | $\frac{1}{8} \text { of } 64=$ | $\frac{1}{5} \text { of } 35=$ | $\frac{1}{8} \text { of } 40=$ |
| $\frac{1}{9} \text { of } 36=$ | $\frac{1}{7} \text { of } 21=$ | $\frac{1}{9} \text { of } 18=$ | $\frac{1}{7}$ of $7=$ | $\frac{1}{9} \text { of } 81=$ | $\frac{1}{7} \text { of } 56=$ |
| $\frac{1}{9} \text { of } 63=$ | $\frac{1}{9} \text { of } 54=$ | ST $\frac{1}{6} \text { of } 30=$ | ST $\frac{1}{6}$ of $12=$ | ST $\frac{1}{8} \text { of } 72=$ | ST $\frac{1}{6} \text { of } 42=$ |
| $\frac{1}{4} \text { of } 32=$ | $\frac{1}{4} \text { of } 20=$ | $\frac{1}{6} \text { of } 24=$ | $\frac{1}{5} \text { of } 15=$ | $\frac{1}{2} \text { of } 18=$ | $\frac{1}{8} \text { of } 8=$ |

# MONKey Race 

2-4 players

(Three simple steps and you're ready to play!)

1. Print the Monkey Race Board and Instruction Card.
2. Print the card sets and cut into cards.
3. Choose which set of cards you want the kids to use.
Use the Numbers to 99 Card Set to compare numbers to 99. Use the Numbers to 999 Card Set to compare numbers to 999 .
Use the Numbers to 9,999 Card Set to compare numbers to 9,999 . Use the Numbers to 99,999 Card Set to compare numbers to 99,999 . Use the Decimal Numbers with Tenths Card Set to compare numbers with 1 decimal place.
Use the Decimal Numbers with Hundredths Card Set to compare numbers with 2 decimal places.


# MoNKey Race 

## Instructions



1. Each player puts a marker on a monkey.
2. Cards are placed face down in front of the players.
3. Each player chooses a card and the value of the cards are compared.
4. The player with the highest value moves one space towards the bananas and keeps the card. The other players return their cards face down and the cards are mixed up.
5. Repeat until one player reaches the bananas.

MoNKey Race - NuMbers to 99 Card Set

| 51 | 12 | 91 | 31 | 43 |
| :---: | :---: | :---: | :---: | :---: |
| 83 | 77 | 21 | 9 | 72 |
| 24 | 64 | 50 | " 33 | 18 |
| 53 | 5 | 47 | " 86 | 68 |
| 15 | 39 | 13 | 84 |  |
| 46 | 62 | " 71 | 7 |  |
| 79 | 2 | " 59 | 27 |  |
| 48 | 61 | " 20 | "'99 | 88 |

MoNKey Race - NuMbers to 999 Card Set

| 571 | 142 | 391 | 377 | 430 |
| :---: | :---: | :---: | :---: | :---: |
| 439 | 692 | 827 | 717 | 268 |
| 172 | 204 | 131 | 673 | 684 |
| 532 | 793 | 860 | 407 | 690 |
| 505 | 190 | 981 | 375 | 930 |
| 835 | 280 | 349 | 887 | 518 |
| 378 | 614 | 596 | 270 | 965 |
| ${ }^{\text {TR }} 713$ | 449 | "174 | 913 | 964 |

## MoNkey Race - NuMbers to 9,999 Card Set (With ComMaS)

PLEASE NOTE: As numbers are written in different ways in different countries, two sets of these cards are provided - with and without commas.
Please choose the set that is suitable for your needs.

| 1,985 | 3,963 | 9,056 | 03 | 6,821 |
| :---: | :---: | :---: | :---: | :---: |
| 2,906 | 6,372 | 7,0 | 2,743 |  |
| 2,34 | 7,888 |  |  |  |
|  |  |  |  |  |
| 1,985 | 5,983 | 6,518 | 5,008 | 7,90 |
| 3,084 | 8,0 | 6,05 |  |  |
|  |  |  |  |  |
| 1,708 | 6,70 | 9,42 | 4,040 |  |
| 1,32 | 7,63 | 5,27 | 3,62 |  |
|  |  |  |  |  |
| 3,006 | 9,091 | 5,049 | 4,615 | 9, |

Monkey Race - Nulpbers to 9,999 Card Set (Without ComMas)

| 1985 | 3963 | 9056 | 4703 | 68 |
| :---: | :---: | :---: | :---: | :---: |
| 2906 | 6372 | 7015 | 2743 | 87 |
| $23$ | 78 | 89 |  |  |
| 1 | 59 | 65 | 5008 |  |
| 3084 | 8043 | 605 | 424 | 53 |
| 1708 | 670 | 942 | 4040 |  |
| 1320 | 7631 | 5275 | 3620 |  |
|  |  |  |  |  |

## Monkey Race - NuIMbers to 99,999 Card Set (With CoMMaS)

PLEASE NOTE: As numbers are written in different ways in different countries, two sets of these cards are provided - with and without commas.
Please choose the set that is suitable for your needs.

| 16,985 | 34,963 | 92,066 | 41,748 | 60,321 |
| :---: | :---: | :---: | :---: | :---: |
| NR | mi |  |  |  |
| 23,465 | 64,763 | 79,019 | 21,863 | 80,530 |
| IR | M |  |  |  |
| 25,380 | 77,344 | 86,761 | 22,035 | 11,521 |
| uR |  |  |  | uR |
| 19,947 | 55,301 | 68,091 | 57,493 | 70,201 |
| UR |  |  |  |  |
| 33,648 | 89,017 | 63,270 | 45,130 | 58,918 |
| uR |  |  |  |  |
| 12,842 | 65,909 | 98,652 | 42,840 | 89,291 |
| UR |  |  |  |  |
| 15,873 | 79,993 | 52,569 | 34,105 | 27,390 |
|  |  |  |  |  |
| 31,548 | 99,835 | 56,017 | 43,600 | 98,209 |

Monkey Race - NuMbers to 99,999 Card Set (Without ComMaS)

| 16985 | 34963 | 92066 | 41748 | 60321 |
| :---: | :---: | :---: | :---: | :---: |
| MR | mi | "K |  |  |
| 23465 | 64763 | 79019 | 21863 | 80530 |
| MR | mR | MR | UR |  |
| 25380 | 77344 | 86761 | 22035 | 11521 |
| MR |  | mR |  |  |
| 19947 | 55301 | 68091 | 57493 | 70201 |
| MR |  | "K |  |  |
| 33648 | 89017 | 63270 | 45130 | 58918 |
| MR |  | MR | WR |  |
| 12842 | 65909 | 98652 | 42840 | 89291 |
| uR |  | MR | MR |  |
| 15873 | 79993 | 52569 | 34105 | 27390 |
|  |  | MR |  |  |
| 31548 | 99835 | 56017 | 43600 | 98209 |

## MoNKey Race - DeciMaL NuIMbers With TenthS Card Set

| MR | MR | MR | MR | MR |
| :---: | :---: | :---: | :---: | :---: |
| MR | MR | MR | MR | MR |
| MR | MR | MR | MR | MR |
| MR | MR | MR | MR | MR |
| MR | MR | MR | MR | MR |
| MR | MR | MR | MR | MR |
| MR | MR | MR | MR | MR |
| MR | MR | MR | MR | MR |
|  |  |  |  |  |

Monkey Race - DeciMal NuIMbers With HuNdredthS Card Set

| 5.32 | 7.93 | 8.60 | 4.07 | 6.90 |
| :---: | :---: | :---: | :---: | :---: |
| 5.05 | 1.90 | 9.81 | 3.75 | 9.30 |
| 5.71 | 1.42 | 3.91 | 3.77 | 4.30 |
| 3.78 | 6.14 | 5.96 | 2.70 | 9.65 |
| 7.13 | 4.49 | 7.74 | 9.13 | 9.64 |
| 4.39 | 6.92 | 8.27 | 7.17 | 2.68 |
| 1.72 | 2.04 | 1.31 | 6.73 | 6.84 |
| 8.35 | 2.80 | 3.49 | 8.87 | 5.18 |

## CarS and PlaneS

2-4 players
(Three simple steps and you're ready to play!)

1. Print the Cars and Planes Board and Instruction Card.
2. Print the card sets and cut into cards.
3. Choose which set of cards you want the kids to use.

Use the Addition Card Set to practice addition to 54.
Use the Subtraction Card Set to practice subtraction to 36.
Use the Percentage Card Set to practice calculating percentages of numbers.
Use the Problem Solving + and - Card Set to practice basic addition and subtraction problem solving.
Use the Problem Solving $\div$ Card Set to practice division problem solving.

## CarS and PlaneS



## CarS and PLaneS



## Instructions

1. Each player puts a marker on the start.
2. Cards are placed face down in front of the players.
3. Players take turns to choose a card and calculate the answer to the card and move their counter to the next space with that number. The card is then returned to the other cards and they are mixed up.
4. If a player lands on a yellow square they take the short cut with the car or plane.
5. The first player to reach the finish is the winner. A player must have a card with a 2,4 or 7 answer to finish the game.

Cars and PLanes - Addition Card Set

| C\&P | C\&P | C\&P |
| :---: | :---: | :---: |
| How much do I need to add to 15 to make 21? | How much do I need to add to 9 to make 18? | How much do I need to add to 23 to make 27 ? |
| C\&P <br> How much do I need to add to 11 to make $17 ?$ | C\&P <br> How much do I need to add to 25 to make 33 ? | C\&P <br> How much do I need to add to 19 to make 21? |
| C\&P <br> How much do I need to add to 29 to make 30 ? | C\&P <br> How much do I need to add to 30 to make 37 ? | C\&P <br> How much do I need to add to 14 to make 19? |
| C\&P <br> How much do I need to add to 25 to make 28 ? | C\&P <br> How much do I need to add to 12 to make 21? | C\&P <br> How much do I need to add to 26 to make 33 ? |
| C\&P <br> How much do I need to add to 25 to make 30? | C\&P <br> How much do I need to add to 34 to make 35 ? | C\&P <br> How much do I need to add to 17 to make 21? |
| C\&P <br> How much do I need to add to 45 to make 53 ? | C\&P <br> How much do I need to add to 41 to make 44 ? | C\&P <br> How much do I need to add to 38 to make 40? |
| C\&P <br> How much do I need to add to 42 to make 50 ? | C\&P <br> How much do I need to add to 34 to make 38 ? | C\&P <br> How much do I need to add to 46 to make 49 ? |
| C\&P <br> How much do I need to add to 44 to make 45 ? | C\&P <br> How much do I need to add to 46 to make 52? | C\&P <br> How much do I need to add to 28 to make 37 ? |
| C\&P <br> How much do I need to add to 47 to make 54 ? | C\&P <br> How much do I need to add to 37 to make 42 ? | C\&P <br> How much do I need to add to 49 to make 51 ? |

Cars and Planes - Subtraction Card set

|  | C\&P | C\&P |
| :---: | :---: | :---: |
| What is the difference between 8 and $17 ?$ | What is the difference between 4 and 12? | What is the difference between 12 and $15 ?$ |
| C\&P <br> What is the difference between 6 and 12? | C\&P <br> What is the difference between 9 and 14? | C\&P <br> What is the difference between 12 and $16 ?$ |
| C\&P <br> What is the difference between 10 and 11? | C\&P <br> What is the difference between 9 and 11? | C\&P <br> What is the difference between 13 and 20 ? |
| C\&P <br> What is the difference between 13 and $16 ?$ | C\&P <br> What is the difference between 14 and $19 ?$ | C\&P <br> What is the difference between 11 and 19 ? |
| C\&P <br> What is the difference between 16 and 23 ? | C\&P <br> What is the difference between 15 and 21? | C\&P <br> What is the difference between 18 and $27 ?$ |
| C\&P <br> What is the difference between 19 and 21? | C\&P <br> What is the difference between 16 and $20 ?$ | C\&P <br> What is the difference between 25 and 34 ? |
| C\&P <br> What is the difference between 8 and $17 ?$ | C\&P <br> What is the difference between 4 and 12? | C\&P <br> What is the difference between 12 and 15 ? |
| C\&P <br> What is the difference between 24 and 27 ? | C\&P <br> What is the difference between 28 and 34 ? | C\&P <br> What is the difference between 29 and 36 ? |
| C\&P <br> What is the difference between 27 and 32? | C\&P <br> What is the difference between 25 and 33? | C\&P <br> What is the difference between 27 and 31? |

Cars and PLaneS - Percentage Card Set

| C\&P | C\&P | C\&P |
| :---: | :---: | :---: |
| What is $10 \%$ of $80 ?$ | What is 20\% of 45? | What is $50 \%$ of $14 ?$ |
| C\&P | C\&P | C\&P |
| What is $50 \%$ of $10 ?$ | What is $10 \%$ of $90 ?$ | What is $40 \%$ of 20? |
| C\&P | C\&P | C\&P |
| What is $20 \%$ of $40 ?$ | What is $10 \%$ of $50 ?$ | What is $20 \%$ of 5 ? |
| C\&P | C\&P | C\&P |
| What is $80 \%$ of $10 ?$ | What is $60 \%$ of $10 ?$ | What is $40 \%$ of 5 ? |
| C\&P | C\&P | C\&P |
| What is $70 \%$ of $10 ?$ | What is $25 \%$ of $28 ?$ | What is $\mathbf{2 5 \%}$ of $\mathbf{1 2}$ ? |
| C\&P | C\&P | C\&P |
| What is $10 \%$ of $70 ?$ | What is $80 \%$ of 5 ? | What is $25 \%$ of $16 ?$ |
| C\&P | C\&P | C\&P |
| What is $\mathbf{2 0 \%}$ of $15 ?$ | What is $\mathbf{7 5 \%}$ of $12 ?$ | What is $10 \%$ of $30 ?$ |
| C\&P | C\&P | C\&P |
| What is $75 \%$ of 4 ? | What is $25 \%$ of 8 ? | What is $\mathbf{5 0 \%}$ of $\mathbf{1 2}$ ? |
| C\&P | C\&P | C\&P |
| What is $10 \%$ of $10 ?$ | What is $10 \%$ of $40 ?$ | What is $30 \%$ of $30 ?$ |

> CarS and PLaNeS - ProbleM SolViNg + aNd - Card Set

| C\&P <br> I have 14 apples and I use 8 of them to make an apple pie. How many apples are left? | C\&P <br> 12 people are on the bus. 5 get off at the next stop. How many are left on the bus? | C\&P <br> There are 3 books in the left drawer of the desk and 4 in the right drawer. How many books are in the desk? |
| :---: | :---: | :---: |
| C\&P 9 children were playing i the swimming pool. 8 got out. How many were left? | C\&P <br> There are 14 cans on the top shelf. I move 11 of them to another shelf. How many are left on the top shelf? | C\&P <br> There are 8 bananas in the fruit bowl. Tom eats 4 then James eats 2. How many are left? |
| C\&P <br> There are 6 canoes on the lake. 3 more canoes go out. How many are on the lake now? | C\&P <br> There are 12 fish in the fish tank. 8 are gold and the rest are black. How many are black? | C\&P <br> Jess has 2 pens and Ben has 10 pens. How many more pens does Ben have than Jess? |
| C\&P <br> Sue has 12 birthday presents. She has already opened 9 of them. How many more does she have to open? | C\&P <br> There are 9 trees in the garden. 8 of them have flowers. How many trees don't have flowers? | C\&P <br> We have 12 signs to make. We have already made 8. How many do we still have to make? |
| C\&P <br> There are 15 cars in the car park. 4 of them left then another 3 left. How many cars are in the car park now? | C\&P <br> There are 3 birds in one cage and 2 in the other cage. How many birds are there altogether? | C\&P <br> Ann had 3 glasses of milk on Saturday, 4 on Sunday and 2 on Monday. How many glasses of milk did she drink in the 3 days? |
| C\&P <br> Kate has 11 flower pots. 9 of the pots have flowering plants. How many don't have a flowering plant? | C\&P <br> Mary has 2 red t-shirts, 3 blue ones and 2 white ones. How many t-shirts does she have altogether? | C\&P <br> There are 10 cows in the paddock. If 5 of them are taken to be milked, how many are left in the paddock? |
| C\&P <br> There are 10 sandcastles on the beach. 2 of them have shells on them. How many do not have any shells? | C\&P <br> There were 12 doves in the tree. 6 flew away. How many were left? | C\&P <br> Clair has 3 short skipping ropes and 6 long skipping ropes. How many skipping ropes does she have altogether? |

# Cars and Planes - ProbleM Solving Division Card Set 



## Bug, Bee aNd ButterFLy

2-4 players


(Three simple steps and you're ready to play!)

1. Print the Bug, Bee and Butterfly Board and Insect Cards.
2. Cut the insect cards into individual cards.
3. Print the instruction cards and choose which game you want the kids to play.

Play Add 2 - Bug, Bee and Butterfly to practice addition to 12.
Play Take 1 - Bug, Bee and Butterfly to practice subtraction from 10.
Play Take 2 - Bug, Bee and Butterfly to practice subtraction from 15.
Play Multiply 2 - Bug, Bee and Butterfly to practice multiplication to 36.

Play Multiply by 7 - Bug, Bee and Butterfly to practice multiplying by 7.

## Bug, Bee and ButterFLy



INSect CardS


## Bug, Bee aNd ButterFLy INStructions

Below you will find the instruction cards for 6 different games that can be played with your Bug, Bee and Butterfly board.

## Add 2 - Bug, Bee aNd ButterFLy

 a game for 2 playersEach player puts a marker on the start.
Players take turns to roll two dice, add the two numbers together and then move that number of places in any direction. Players can move in any direction on a turn but cannot change direction during a turn.
When a player lands on an animal space, collect a card for that animal.
The first player to collect a Ladybug card, a Bee card and a Butterfly card is the winner.

## TaKe 1 - Bug, Bee aNd ButterFly

## a game for 2 players

Each player puts a marker on the start.
Players take turns to roll a dice, take the number on the dice away from 10 and and then move that number of places in any direction, eg Roll 6, take 6 from 10 (4) and then move 4 spaces. Players can move in any direction on a turn but cannot change direction during a turn.
When a player lands on an animal space, collect a card for that animal. The first player to collect a Ladybug card, a Bee card and a Butterfly card is the winner.

## TaKe 2 - Bug, Bee aNd ButterFLy

## a game for 2 players

Each player puts a marker on the start.
Players take turns to roll 2 dice, add the numbers on the dice together, take that number from 15 and then move that number of places in any direction, eg Roll 6 and 2 , add $6+2=8$, take 8 from 15 (7) and then move 7 spaces. Players can move in any direction on a turn but cannot change direction during a turn. When a player lands on an animal space, collect a card for that animal. The first player to collect a Ladybug card, a Bee card and a Butterfly card is the winner.

## MuLtipLy 2 - Bug, Bee aNd ButterFLy a game for 2 players

Each player puts a marker on the start.
Players take turns to roll 2 dice, multiply the numbers together and then decide if the answer is an odd or even number. If it is odd the player moves one space, if it is even the player moves eight spaces, eg Roll 4 and $5.4 \times 5=20.20$ is even. Move 8 spaces. Players can move in any direction on a turn but cannot change direction during a turn.
When a player lands on an animal space, collect a card for that animal. The first player to collect a Ladybug card, a Bee card and a Butterfly card is the winner.

## MuLtipLy by 7 - Bug, Bee and ButterFLy

## a game for 2 players

Each player puts a marker on the start.
Players take turns to roll 2 dice, add the numbers together, multiply the answer by 7 and then decide if the answer is an odd or even number. If it is odd the player moves one space, if it is even the player moves eight spaces, eg Roll 3 and $4.5+4=9.9 \times 7=63.63$ is odd. Move 1 space. Players can move in any direction on a turn but cannot change direction during a turn.
When a player lands on an animal space, collect a card for that animal. The first player to collect a Ladybug card, a Bee card and a Butterfly card is the winner.

## Cover Up

2-4 players
(Three simple steps and you're ready to play!)

1. Print the Cover Up Board and Cover Tokens.
2. Cut out the Cover Tokens.
3. Print the instruction cards and choose which game you want the kids to play.

Play Cover Up - Total Up to practice addition to 12.
Play Cover Up - Find the Difference to practice basic subtraction.
Play Cover Up - Double Digits to practice addition of 2 digit numbers.

The last person who can cover a pair is the winner.


## Cover Tokens For cover Up



## COVer Up INStructions

Below you will find the instruction cards for 3 different games that can be played with your Cover Up board.


## Cover Up - Find the DiFFerence 2 <br> a game for 2 players <br> 

Players take turns to throw a dice.
On each turn the player looks for and covers 2 numbers on the board that have a difference of the number on the dice, e.g. If 4 is thrown, a player could cover 6 and 2 as the difference between these numbers is 4 .
The last player who can cover two numbers is the winner.

## Cover Up - DOUbLe DigitS

## a game for 2 players

Players take turns to throw 2 dice.
The numbers on the dice are then used to make a 2 digit number, e.g. If a player throws a 2 and 5,25 or 52 could be made. The player then has to cover 3 or 4 numbers on the board that can be used to make two numbers that will add to the number made with the dice. If 52 is made with 2 and 5 a player could cover 3 and 1 for 31 and 2 and 1 for 21 as $31+21=52$. The last player to do this is the winner.

## Tic Tac Toe

(Three simple steps and you're ready to play!)

1. Print the Tic Tac Toe Board.
2. Print the number cards and cut into cards.
3. Print the instruction cards and choose which game you want the kids to play.

Play Tic Tac Toe Total 13 to practice addition to 13.
Play Tic Tac Toe Total 15 to practice addition to 15.
Play Tic Tac Toe Total 18 to practice addition to 18.
Play Times Tic Tac Toe - 24 to practice multiplication to 24 .
Play Times Tic Tac Toe - 48 to practice multiplication to 48 .
Play Times Tic Tac Toe - $\mathbf{6 0}$ to practice multiplication to 60.



## Tic Tac Toe InStructions

Below you will find the instruction cards for 6 different games that can be played with your Tic Tac Toe board.

## Tic Tac Toe Total 13

## a game for 2 players

Spread out the number cards in front of the players.
Players take turns to choose a number and place it on the Tic Tac Toe board.
The first player to complete a line that adds up to 13 is the winner.
The line can go across, down or diagonally.

## Tic Tac Toe Total 15

## a game for 2 players

Spread out the number cards in front of the players.
Players take turns to choose a number and place it on the Tic Tac Toe board.
The first player to complete a line that adds up to 15 is the winner.
The line can go across, down or diagonally.

## Tic Tac Toe Total 18

## a game for 2 players

Spread out the number cards in front of the players.
Players take turns to choose a number and place it on the Tic Tac Toe board.
The first player to complete a line that adds up to 18 is the winner.
The line can go across, down or diagonally.

## TiMeS Tic Tac Toe - 24

## a game for 2 players

Spread out the number cards in front of the players.
Players take turns to choose a number and place it on the Tic Tac Toe board.
The first player to complete a line that multiplies to a total of 24 is the winner.
e.g. $3,4,2(3 \times 4 \times 2=24)$ The line can go across, down or diagonally.

## TiMeS Tic Tac Toe - 48

## a game for 2 players

Spread out the number cards in front of the players.
Players take turns to choose a number and place it on the Tic Tac Toe board.
The first player to complete a line that multiplies to a total of 48 is the winner.
e.g. 2, 4, $6(2 \times 4 \times 6=48)$ The line can go across, down or diagonally.

## TiMeS Tic Tac Toe-60

## a game for 2 players

Spread out the number cards in front of the players.
Players take turns to choose a number and place it on the Tic Tac Toe board.
The first player to complete a line that multiplies to a total of 60 is the winner.
e.g. 2, 5, $6(2 \times 5 \times 6=60)$ The line can go across, down or diagonally.

