

Stomp

Aim

To rehearse number facts and mental arithmetic.

Procedure

This game involves the use of the basic multiplication and division facts and extensions to calculations like 15×6 and $96 \div 3$. It also brings out concepts of factors, multiples, primes and composites. It can be played at an unsophisticated level to begin with, but over time, students will tend to develop more and more complex strategies.

The game board (with directions) and a score sheet are included below ready for copying. Two different tokens are required. These might be two different sized coins or two different coloured counters.

Tips

Try the game yourself before using it with students. A full explanation and a couple of demonstration games between students are probably worthwhile before getting students to play independently.

Stomp

1. Player 1 places her token on a square and scores the product of the two numbers in that square. She has to work out the product in her head. Player 2 may also calculate the product. If they disagree, player 2 may challenge. Then they check on a calculator. If Player 1 was wrong, she does not get that score. If right, she gets a bonus 50 points.
2. Player 2 then does likewise on a different square.
3. Player 1 then moves by multiplying or dividing the number of her square (the number in larger type) by any whole number from 2 to 12, and then moving to that square. She scores the product of the two numbers in the new square. Player 2 then does likewise.
4. Repeat Step 3 another five times, so both players can score up to seven times in total. Note that no player is allowed to land on the same square more than once. If a player cannot move, they scores no further points.
5. If one player lands on top of the other player, this is called *stomping* on the other player. A player who stomps on the other player wins the game. If no one gets stomped, the player with the highest score wins.

1 6	2 8	3 5	4 9	5 5	6 2	7 5	8 7	9 7	10 1
11 5	12 1	13 5	14 2	15 2	16 7	17 5	18 2	19 5	20 1
21 1	22 2	23 5	24 1	25 4	26 3	27 5	28 2	29 5	30 1
31 5	32 4	33 2	34 2	35 2	36 1	37 5	38 2	39 2	40 1
41 5	42 1	43 5	44 1	45 1	46 2	47 5	48 1	49 2	50 0
51 2	52 1	53 5	54 1	55 1	56 1	57 2	58 2	59 5	60 0
61 4	62 2	63 1	64 3	65 1	66 0	67 4	68 1	69 2	70 0
71 4	72 1	73 4	74 2	75 1	76 1	77 1	78 1	79 4	80 0
81 2	82 2	83 4	84 1	85 1	86 2	87 2	88 0	89 4	90 0
91 1	92 1	93 1	94 1	95 1	96 1	97 4	98 1	99 0	100 0

Stomp score sheets

Go	Player 1 score	So far		Player 2 score	So far
1	× =			× =	
2	× =			× =	
3	× =			× =	
4	× =			× =	
5	× =			× =	
6	× =			× =	
7	× =			× =	

Go	Player 1 score	So far		Player 2 score	So far
1	× =			× =	
2	× =			× =	
3	× =			× =	
4	× =			× =	
5	× =			× =	
6	× =			× =	
7	× =			× =	

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1	× =			× =	
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3	× =			× =	
4	× =			× =	
5	× =			× =	
6	× =			× =	
7	× =			× =	

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1	× =			× =	
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3	× =			× =	
4	× =			× =	
5	× =			× =	
6	× =			× =	
7	× =			× =	