Extra Math Games

Multiplication 4 in a Row

Materials: Game Board
Game markers in 2 colors
2 paperclips

Object of the Game: to be the first player to cover 4 squares in a row horizontally, diagonally, or vertically.

1. Player 1 places 2 paperclips onto the bottom edge of the game board so that the clips point to 2 different numbers {1-9}.

2. Player 1 then multiplies the two numbers and places a colored game marker onto the product on the game board.

3. Player 2 slides one paperclip to a different number leaving one paperclip in place. He then covers the new product with a different color game marker.

4. Players take turns moving one paperclip and covering the products of the numbers.

5. The winner is the first player to cover 4 squares in a row either horizontally, vertically, or diagonally.

note: a player can move one paperclip to the location of the other paperclip to create a number times itself.

example: if the numbers 4 and 8 were each covered with a paperclip, the player could move the paperclip on 4 to 8 to create 8 x 8 or vice-versa.

multiplication 4 in a ROW

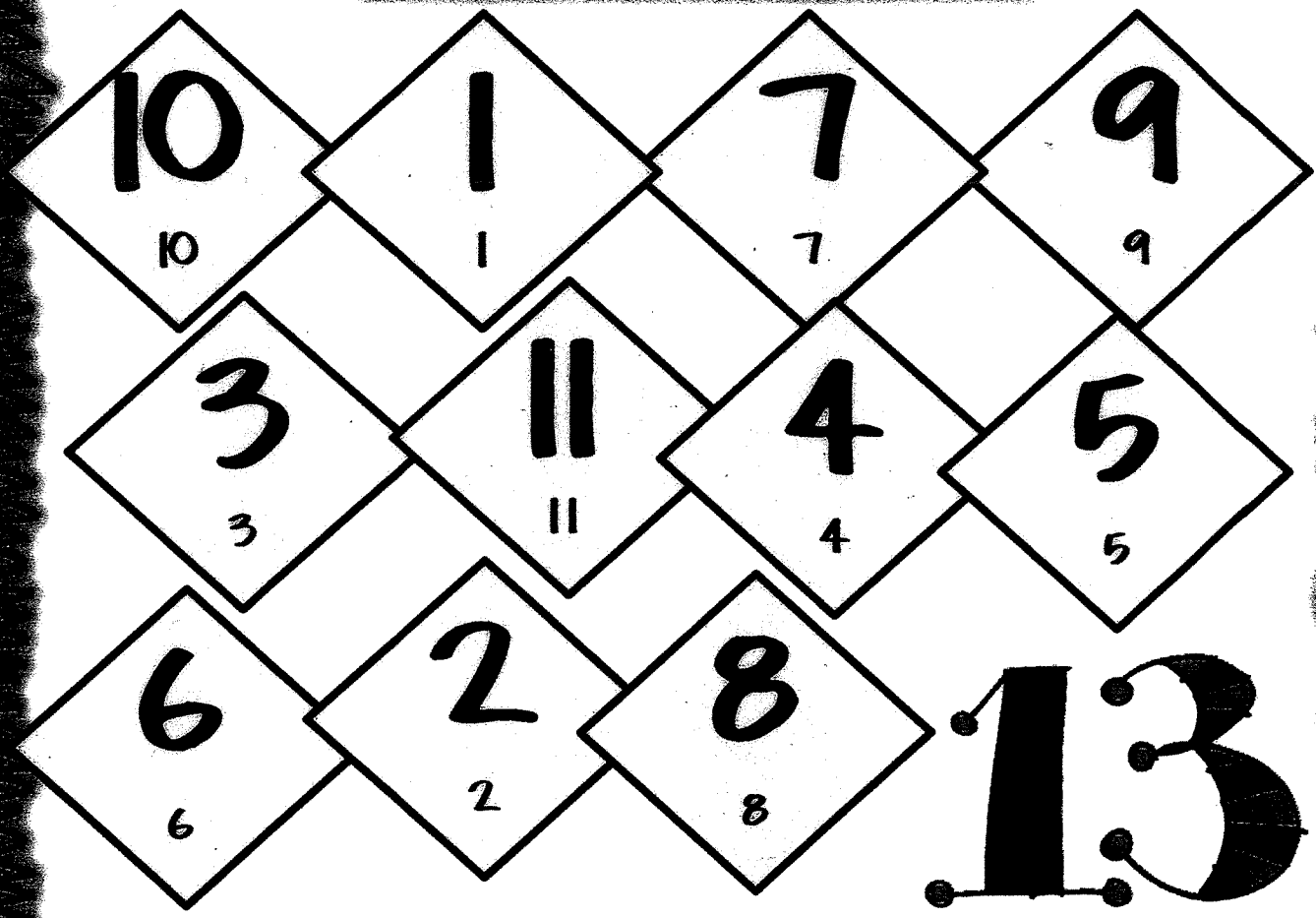
1	2	3	4	5	6
7	8	9	10	12	14
15	16	18	20	21	24
25	27	28	30	32	35
36	40	42	45	48	49
54	56	63	64	72	81

1	2	3	4	5	6	7	8	9

Take From 13 Bump

Subtraction – Roll 2 and Subtract from 13

13 – _ = _



a game for 2 players

Need: 2 dice and 8 counters per player – each player uses a different color

To Play: Players take turns to roll the 2 dice, add the numbers together and then subtract the total from 13. Then they cover this number with one of their counters, covering the large number. If another player has covered that number, they can 'bump' that counter off and put one of their own counters on it. If that number is covered by one of the player's own counters, they can add another counter on top and then they have won that space. You can only 'bump' when there is only one counter on the number. The winner of the game is the first player to use all 8 of their counters.

Cover Up!

Directions: Roll the dice and find the product of your numbers. Color the circle that matches your product. If your product has been taken, your turn is skipped. The player with the most colored circles wins!

Division Tic-Tac-Toe #1 (1, 2, 3)

Directions: Below are TEN games of **Division** Tic-Tac-Toe (nine LITTLE GAMES and one BIG GAME). Start in any of the nine LITTLE GAMES that you wish and solve that Tic-Tac-Toe game before moving to another LITTLE GAME. The Winner is the person who wins the BIG GAME of Tic-Tac-Toe. Take turns going first. Check each other's work. If your opponent makes a mistake, then they lose a turn. Have fun. [CCSS.Math.3.OA.C.7]

_÷1=8	_÷1=3	_÷1=6
_÷1=4	_÷1=5	_÷1=1
_÷1=2	_÷1=9	_÷1=7

_÷2=1	_÷2=3	_÷2=4
_÷2=6	_÷2=5	_÷2=8
_÷2=2	_÷2=9	_÷2=7

_÷3=8	_÷3=3	_÷3=4
_÷3=1	_÷3=5	_÷3=6
_÷3=2	_÷3=9	_÷3=7

_÷2=8	_÷2=6	_÷2=4
_÷2=3	_÷2=5	_÷2=1
_÷2=2	_÷2=9	_÷2=7

_÷3=8	_÷3=3	_÷3=4
_÷3=6	_÷3=5	_÷3=1
_÷3=2	_÷3=9	_÷3=7

_÷1=8	_÷1=3	_÷1=4
_÷1=6	_÷1=5	_÷1=1
_÷1=2	_÷1=9	_÷1=7

_÷3=8	_÷3=3	_÷3=4
_÷3=6	_÷3=5	_÷3=1
_÷3=2	_÷3=9	_÷3=7

_÷1=8	_÷1=3	_÷1=4
_÷1=6	_÷1=5	_÷1=1
_÷1=2	_÷1=9	_÷1=7

_÷2=8	_÷2=3	_÷2=4
_÷2=6	_÷2=5	_÷2=1
_÷2=2	_÷2=9	_÷2=7

FREEBIE! Multiplication Tic-Tac-Toe is made by the **Gifted Guru** at www.TeachersPayTeachers.com

Multiplication Tic-Tac-Toe #1 (the twos)

Directions: Below are TEN games of **Multiplication** Tic-Tac-Toe (nine LITTLE GAMES and one BIG GAME). Start in any of the nine LITTLE GAMES that you wish and solve that Tic-Tac-Toe game before moving to another LITTLE GAME. The Winner is the person who wins the BIG GAME of Tic-Tac-Toe. Take turns going first. Check each other's work. If your opponent makes a mistake, then they lose a turn. Have fun. [CCSS.Math.3.OA.C.7]

2x1=___	2x7=___	2x6=___
2x3=___	2x5=___	2x9=___
2x4=___	2x8=___	2x2=___

2x6=___	2x3=___	2x7=___
2x1=___	2x8=___	2x2=___
2x5=___	2x4=___	2x9=___

2x6=___	2x1=___	2x7=___
2x3=___	2x8=___	2x2=___
2x5=___	2x4=___	2x9=___

2x1=___	2x7=___	2x3=___
2x6=___	2x5=___	2x2=___
2x4=___	2x8=___	2x9=___

2x5=___	2x8=___	2x1=___
2x7=___	2x2=___	2x6=___
2x3=___	2x9=___	2x4=___

2x7=___	2x1=___	2x6=___
2x4=___	2x9=___	2x3=___
2x8=___	2x2=___	2x5=___

2x7=___	2x5=___	2x3=___
2x6=___	2x8=___	2x4=___
2x2=___	2x9=___	2x1=___

2x5=___	2x9=___	2x2=___
2x4=___	2x3=___	2x6=___
2x8=___	2x1=___	2x7=___

2x2=___	2x6=___	2x7=___
2x8=___	2x1=___	2x5=___
2x4=___	2x9=___	2x3=___

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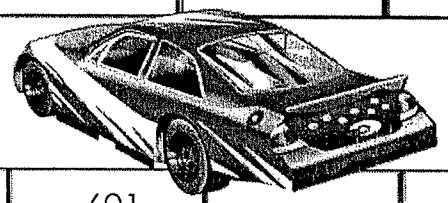
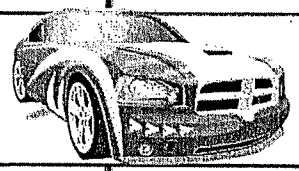
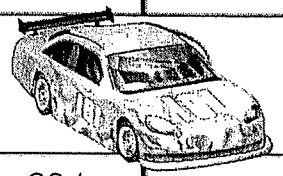
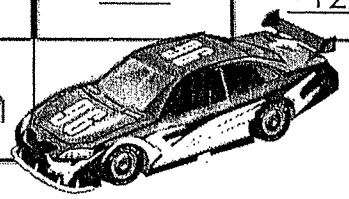
subtraction race

803 - 385	942 - 461	798 - 348	831 - 441	659 - 300	532 - 415	665 - 420	808 - 659
300 - 159							687 - 432
407 - 184	709 -249	239 - 56	601 - 531	609 - 258	500 - 197	496 - 398	712 - 264
456 - 37	918 - 436						
912 - 800	318 - 129	111 - 89	500 - 223	582 - 276	422 - 244	107 - 88	780 - 298
659 - 584							400 - 312
831 - 441	446 - 355	321 - 76	191 - 122	156 - 28	234 - 192	830 - 561	716 - 310
Start	Finish						



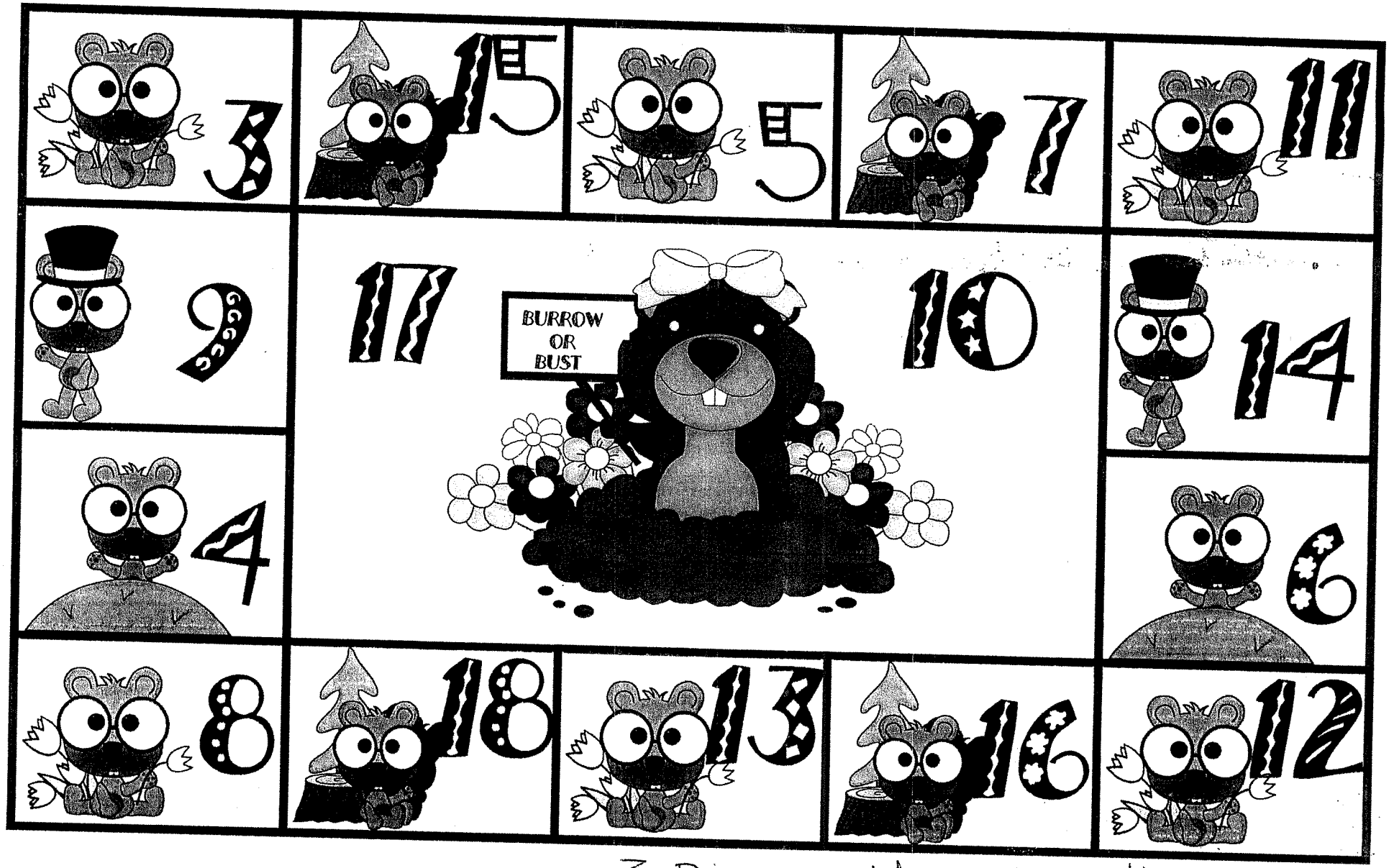






Final problem: If there are 985 students in the entire school (1st-5th grade) and 646 students in grades 1-4, how many students are in 5th grade?

Burrow or Bust! BUMP (Addition Edition)



3 Dice - add all three dice

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