

3.4.G – 1 X 2 Multiplication – Expanded Form

Practice: Multigame

1 128	2 30	3 93	4 115	5 42	6 135
7 656	8 144	9 248	10 292	11 855	12 585
13 328	14 180	15 576	16 864	17 140	18 594
19 296	20 120	21 612	22 891	23 105	24 504
25 208	26 415	27 72	28 213	29 256	30 483
31 153	32 392	33 130	34 122	35 198	36 207

Power Math Multigame Cards

As the name implies, multigame cards are meant to be used with a variety of games. Here are some of the ways you can use them.

Combine them with other games – For example, if you can combine them with a board game like “Chutes & Ladders” by having the scholars answer a question before taking their turn at the board game.

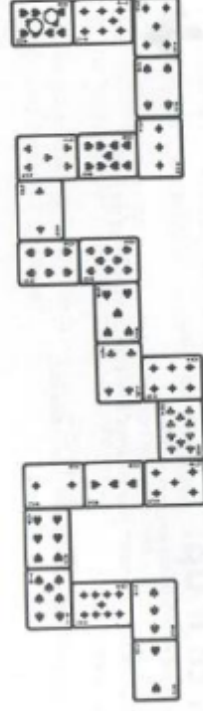
Earn your pieces - Scholars answer multigame cards to “earn their pieces” for other games. For example, scholars earn 2 Connect 4 cards for every correct answer if they want to play Connect 4. Or two cards (up to 10) if they want to play garbage or other games with the deck of cards. You can do something similar for checkers, chess, Uno, a variety of other games. Whatever “earning” strategy you use, scholars should answer 6-10 problems to earn what they need to play the game.

4-in-a-row – To play 4-in-a-row you will need the 4-in-a-row board from the pizza box and 6-sided dice. **Set up:** Shuffle the game cards and place them face down in the spaces on the gameboard so that the big numbers on the back of the cards are showing. **To play:** Player 1 rolls the die and picks a card that corresponds to the number rolled. For example, if Player 1 rolls a 6, they can pick any card on the board with a 6. If the player answers the question correctly, they can mark the space on the gameboard with their initial. If the player misses, take that card off the board and replace it with one of the extra question cards. If the player rolls a number that is not on the board then that roll is “wild” and the player can choose any card to answer. **To win:** First player to get 4-in-a-row in any direction wins.

Jenga - Colored Jenga blocks (Purple, Blue, Green, Yellow, Red) from the toy box. Shuffle the game cards and deal out 6 or 8 cards to each of the players. Have them work their problems while you build the Jenga tower. **To play:** Players can pull Jenga blocks the correspond to the colors on the backs of the problems they worked. In other words – if they want to pull a red block, they have to “turn in” a “red” problem that they worked. They can only pull blocks that match the colors indicated on their cards. A PBGYR card allows the player to pull any color card. Continue taking turns answering questions and pulling blocks until the tower falls.

Taco-Burger-Pizza-Drink (TBPDP) – To play TBPDP, you need the TBPDP board from the pizza box, a game piece for each player and 6-sided dice. **Object of the game:** First player to collect 2 of each kind of food (Taco-Burger-Pizza-Drink) wins. **To play:** Separate the cards into piles according to the food on the back. Each player places her game piece somewhere on the board on either a Taco, a Burger, a Drink or a Pizza Slice. It doesn’t matter where. Player 1 rolls the die and moves her game piece that number of spaces in any direction in order to land on the kind of food she wants. For example, she might land on a Taco. She draws a card from the Taco pile and answers it. If she answers correctly, she keeps the card. Player 2 does the same and so on. The first player to collect 2 of each kind of card wins. (Note: if a player lands on a space where she already has 2 cards, it’s the next player’s turn.) **Variation:** If 2 cards is too simple, combine 2 decks of cards and collect 4 of each kind.

Maze – To play maze you need a game piece for each player and a 6-sided die. Lay the cards out in a maze reserving one card for each player as a “start” card. (See example below with playing cards.) Player 1 answers the “start card” if he/she gets it right she can roll the dice and move that number of cards. Other players do the same. On the next round Player 1 answers the card where he she landed and if correct rolls the dice again to move. If two players land on the same card, you can swap out an unused card so they have different questions to answer.



1. $32 \times 4 =$

$30 + 2$

4

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

2. $15 \times 2 =$

$10 + 5$

2

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

3. $31 \times 3 =$

$30 + 1$

3

--	--

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

4. $23 \times 5 =$

$20 + 3$

5

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

5. $14 \times 3 =$

$10 + 4$

3

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

6. $45 \times 3 =$

$40 + 5$

3

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

1
Purple



2
Red



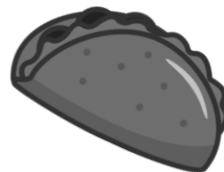
3
Yellow



4
Blue



5
Green



6
PRYBG



7. $82 \times 8 =$

80 + 2

8

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

8. $72 \times 2 =$

70 + 2

2

--	--

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

9. $31 \times 8 =$

30 + 1

8

--	--

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

10. $73 \times 4 =$

70 + 3

4

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

11. $95 \times 9 =$

90 + 5

9

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

12. $65 \times 9 =$

60 + 5

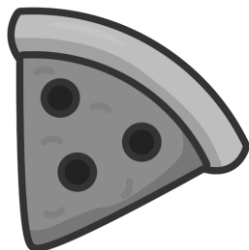
9

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

1

Purple



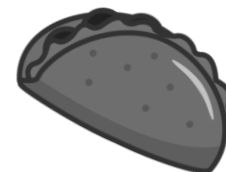
2

Red



3

Yellow



4

Blue



5

Green



6

PRYBG



13. $82 \times 4 =$

$$4 \begin{array}{|c|c|} \hline 80 & + & 2 \\ \hline \end{array}$$

14. $36 \times 5 =$

$$5 \begin{array}{|c|c|} \hline 30 & + & 6 \\ \hline \end{array}$$

15. $64 \times 9 =$

$$9 \begin{array}{|c|c|} \hline 60 & + & 4 \\ \hline \end{array}$$

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

16. $96 \times 9 =$

$$9 \begin{array}{|c|c|} \hline 90 & + & 6 \\ \hline \end{array}$$

17. $35 \times 4 =$

$$4 \begin{array}{|c|c|} \hline 30 & + & 5 \\ \hline \end{array}$$

18. $66 \times 9 =$

$$9 \begin{array}{|c|c|} \hline 60 & + & 6 \\ \hline \end{array}$$

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

1
Purple



2
Red



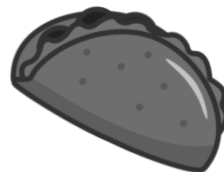
3
Yellow



4
Blue



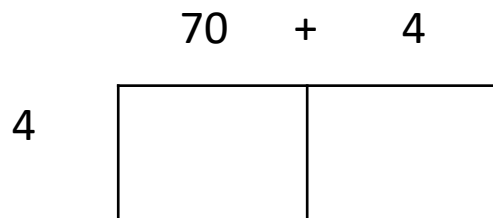
5
Green



6
PRYBG

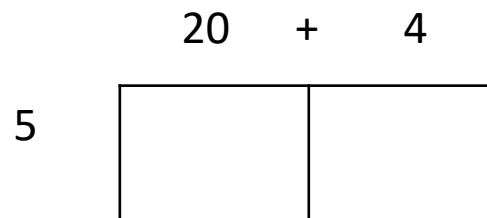


19. $74 \times 4 =$



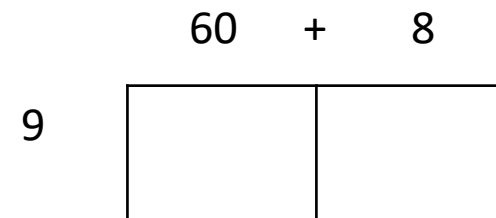
3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

20. $24 \times 5 =$



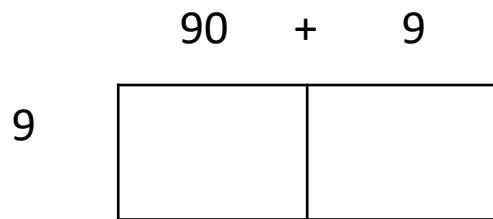
3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

21. $68 \times 9 =$



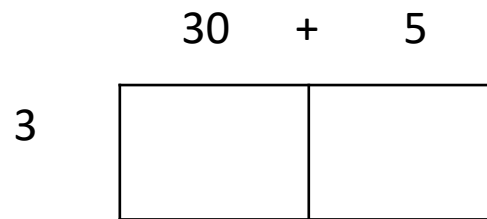
3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

22. $99 \times 9 =$



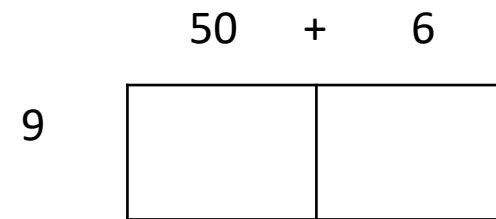
3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

23. $35 \times 3 =$



3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

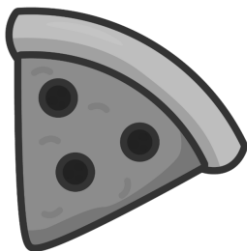
24. $56 \times 9 =$



3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

1

Purple



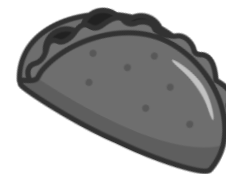
2

Red



3

Yellow



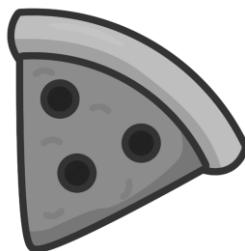
4

Blue



5

Green



6

PRYBG



25. $52 \times 4 =$

$50 + 2$

4

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

26. $83 \times 5 =$

$80 + 3$

5

--	--

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

27. $18 \times 4 =$

$10 + 8$

4

--	--

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

28. $71 \times 3 =$

$70 + 1$

3

--	--

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

29. $64 \times 4 =$

$60 + 4$

4

--	--

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

30. $69 \times 7 =$

$60 + 9$

7

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3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

1
Purple



2
Red



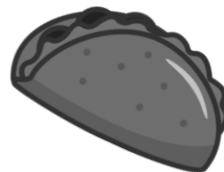
3
Yellow



4
Blue



5
Green



6
PRYBG



31. $51 \times 3 =$

$$3 \begin{array}{|c|c|} \hline 50 & + & 1 \\ \hline \end{array}$$

32. $49 \times 8 =$

$$8 \begin{array}{|c|c|} \hline 40 & + & 9 \\ \hline \end{array}$$

33. $26 \times 5 =$

$$5 \begin{array}{|c|c|} \hline 20 & + & 6 \\ \hline \end{array}$$

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

3.4.G-1 X 2 Multiplication – Expanded Form - Multigame

34. $61 \times 2 =$

$$2 \begin{array}{|c|c|} \hline 60 & + & 1 \\ \hline \end{array}$$

35. $22 \times 9 =$

$$9 \begin{array}{|c|c|} \hline 20 & + & 2 \\ \hline \end{array}$$

36. $23 \times 9 =$

$$9 \begin{array}{|c|c|} \hline 20 & + & 3 \\ \hline \end{array}$$

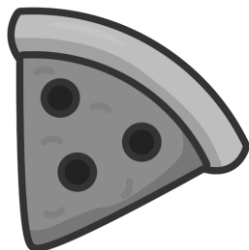
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1

Purple



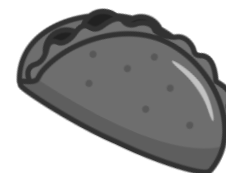
2

Red



3

Yellow



4

Blue



5

Green



6

PRYBG

