

## 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.

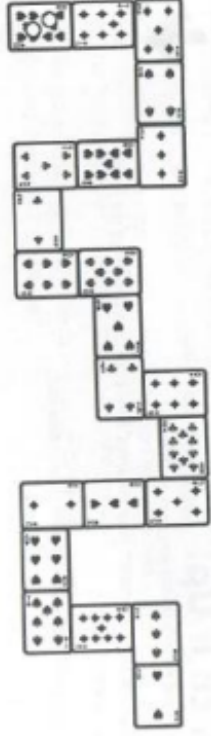
**Earn your pieces** - Scholars answer multigame cards to “earn their pieces” for other games. For example, scholars earn 2 Connect 4 cards for every correct answer if they want to play Connect 4. Or two cards (up to 10) if they want to play garbage or other games with the deck of cards. You can do something 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 (TBDP)** – To play TBDP, you need the TBDP 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.



**Unit: 3<sup>rd</sup> – Deeper into Multiplication & Division**  
**Lesson: 3.4.K - Multiplication & Division - Multi-Step Word Problems**  
**Great Turtle Race**

*Note: Some parts of these materials are taken directly from released STAAR tests  
Copyright © 2015-2021. Texas Education Agency. All Rights Reserved. Used by  
Permission*

<b>1</b>  A. 152	<b>2</b>  A. 12	<b>3</b>  B. 6	<b>4</b>  B. 40	<b>5</b>  D. 5	<b>6</b>  B. 6
<b>7</b>  11	<b>8</b>  D. 6	<b>9</b>  C. 98	<b>10</b>  C. 7	<b>11</b>  D. 96	<b>12</b>  B. \$105
<b>13</b>  B. 210	<b>14</b>  A. 17	<b>15</b>  A. 4	<b>16</b>  C. 72	<b>17</b>  C. 10	<b>18</b>  B. 9
<b>19</b>  A. 7	<b>20</b>  D. 9	<b>21</b>  D. 136	<b>22</b>  B. 5	<b>23</b>  B. 525	<b>24</b>  C. 25
<b>25</b>  A. 237	<b>26</b>  D. 16	<b>27</b>  C. 8	<b>28</b>  A. 90	<b>29</b>  D. 14	<b>30</b>  D. 12

# The Great Turtle Race

## Materials Needed:

- Turtle Race game board
- Multi-Game cards
- Dry erase boards/Markers/Erasers
- 6 “Turtles” (game counters) for each player

## To play:

Shuffle the game cards and put them Question side up in a stack where everyone can reach them.

Each Player puts a “turtle” (game counter) in the numbered space of each lane on his/her racing card.

Players take turns drawing and answering cards. When they answer correctly, look at the number on the back of the card. The turtle in the lane with the corresponding number may move forward 1 space.

**To win:** First player to get a turtle of any number across the finish line wins.

Printing: landscape, 2-sided/flip on short edge, black and white



# The Great Turtle Race



**1**

--	--	--	--	--	--	--

Finish!



**2**

--	--	--	--	--	--	--

Finish!



**3**

--	--	--	--	--	--	--

Finish!



**4**

--	--	--	--	--	--	--

Finish!



**5**

--	--	--	--	--	--	--

Finish!



**6**

--	--	--	--	--	--	--

Finish!



# The Great Turtle Race

## Materials Needed:

- Turtle Race game board
- Multi-Game cards
- Dry erase boards/Markers/Erasers
- 6 “Turtles” (game counters) for each player

## To play:

Shuffle the game cards and put them Question side up in a stack where everyone can reach them.

Each Player puts a “turtle” (game counter) in the numbered space of each lane on his/her racing card.

Players take turns drawing and answering cards. When they answer correctly, look at the number on the back of the card. The turtle in the lane with the corresponding number may move forward 1 space.

**To win:** First player to get a turtle of any number across the finish line wins.

**Printing:** landscape, 2-sided/flip on short edge, black and white



# The Great Turtle Race



**1**

--	--	--	--	--	--	--

Finish!



**2**

--	--	--	--	--	--	--

Finish!



**3**

--	--	--	--	--	--	--

Finish!



**4**

--	--	--	--	--	--	--

Finish!



**5**

--	--	--	--	--	--	--

Finish!



**6**

--	--	--	--	--	--	--

Finish!



<p>1. There are two different vegetables in a garden.</p> <ul style="list-style-type: none"> <li>● There are 5 rows that have 16 carrots in each row.</li> <li>● There are 72 spinach plants.</li> </ul> <p>How many vegetable plants are there in the garden?</p> <p>A. 152</p> <p>B. 88</p> <p>C. 93</p> <p>D. 122</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>2. Ms. Losoya has 72 index cards. She will arrange the cards in 6 equal stacks. How many index cards will be in each stack?</p> <p>A. 12</p> <p>B. 9</p> <p>C. 78</p> <p>D. 66</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>3. A music teacher had 4 boxes of recorders. There were 9 recorders in each box. The music teacher gave an equal number of recorders to each of 6 classes. How many recorders did each class receive?</p> <p>A. 7</p> <p>B. 6</p> <p>C. 30</p> <p>D. 36</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>
<p>4. Gerardo bought 3 packages of mint gum and 2 packages of bubble gum. Each package had 8 pieces of gum. How many pieces of gum did Gerardo buy?</p> <p>A. 26</p> <p>B. 40</p> <p>C. 12</p> <p>D. 48</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>5. There are 3 basketball teams practicing together in a gym.</p> <ul style="list-style-type: none"> <li>● Each team has 10 players.</li> <li>● All of the players are used to make 6 groups during practice.</li> <li>● There is an equal number of players in each group.</li> </ul> <p>How many players are in each group?</p> <p>A. 180</p> <p>B. 6</p> <p>C. 24</p> <p>D. 5</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>6. A group of 64 children and 24 adults will travel to a zoo in vans. There will be 8 people in each van.</p> <p>How many vans will be needed to take the group to the zoo?</p> <p>A. 11</p> <p>B. 80</p> <p>C. 8</p> <p>D. 5</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>

**1**  
**Purple**



**2**  
**Red**



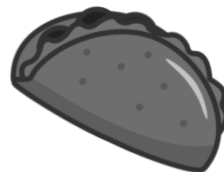
**3**  
**Yellow**



**4**  
**Blue**



**5**  
**Green**



**6**  
**PRYBG**

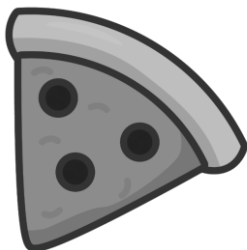




<p>7. Aaron will place 99 towels on a shelf. He will make 9 equal stacks.</p> <p>How many towels will be in each stack?</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>8. Miriam had 63 flowers and 9 vases.</p> <ul style="list-style-type: none"> <li>• She threw away 9 flowers that had broken stems.</li> <li>• She put an equal number of all the flowers she had left into each vase.</li> </ul> <p>What is the greatest number of flowers Miriam put into each vase?</p> <p>A. 2</p> <p>B. 7</p> <p>C. 8</p> <p>D. 6</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>9. Hector played a game 14 times. Each time he played, he threw three 4 red balls and 3 green balls at a target.</p> <p>What was the total number of balls Hector threw at the target?</p> <p>A. 21</p> <p>B. 68</p> <p>C. 98</p> <p>D. 46</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>
<p>10. Marin Fairport is known for his odd collections of unusual objects. He used to have a collection of 51 glass golf balls. Unfortunately, he broke 9 of them. So, he decided to keep the rest in specially padded boxes. If he can fit 6 golf balls in a box, how many boxes will he need?</p> <p>A. 459</p> <p>B. 10</p> <p>C. 7</p> <p>D. 15</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>11. Disgusting Donald made 5 batches of liver and peanut butter cookies, with 12 cookies in each batch. Then he made another 3 batches of lemon earwax cookies with 12 cookies in each batch. How many disgusting cookies is that in all?</p> <p>A. 60</p> <p>B. 36</p> <p>C. 24</p> <p>D. 96</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>12. Annoying Albert bought 13 deluxe rubber snakes from a catalogue. Then he bought 8 more from the Jokesters’ Supply Store. Each snake cost \$5. How much did Albert spend on his snakes?</p> <p>A. \$65</p> <p>B. \$105</p> <p>C. \$40</p> <p>D. \$25</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>

**1**

**Purple**



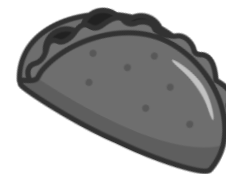
**2**

**Red**



**3**

**Yellow**



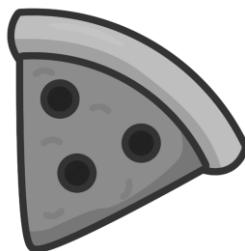
**4**

**Blue**



**5**

**Green**



**6**

**PRYBG**



13. Pirate Peg-Leg Pete captured a ship. He found 5 bags with 25 gold coins in each bag and then he found a treasure chest with 85 more gold coins. How many gold coins is that in all?

A. 125  
B. 210  
C. 425  
D. 60

3.4.K - Mult Div – Multistep Word Problems – Turtle

14. Red-Handed Sally, the Queen of the Pirates, captured a treasure with a bag of diamonds and 85 bars of gold. She kept the diamonds for herself and divided the bars of gold evenly among the 5 pirates who helped her capture the treasure. How many bars of gold did each pirate get?

A. 17  
B. 80  
C. 16  
D. 425

3.4.K - Mult Div – Multistep Word Problems – Turtle

15. The pirate One-Eyed Jack stole 3 treasure chests with 8 bags of treasure in each chest. He then hid all the treasure in 6 different hiding places with an equal number of bags in each place. How many bags of treasure went into each hiding place?

A. 4  
B. 24  
C. 18  
D. 7

3.4.K - Mult Div – Multistep Word Problems – Turtle

16. Sylvia the Sardine Chef made 4 pineapple and sardine pizzas and 5 pepperoni and sardine pizzas. She put 8 sardines on each pizza. How many sardines is that in all?

A. 9  
B. 20  
C. 72  
D. 160

3.4.K - Mult Div – Multistep Word Problems – Turtle

17. Alexis baked 4 batches of cookies with 15 cookies in each batch. She then divided all the cookies into bags of 6 cookies each to sell at the bake sale. How many bags of cookies was she able to make?

A. 45  
B. 2  
C. 10  
D. 90

3.4.K - Mult Div – Multistep Word Problems – Turtle

18. Carlotta the Cavity Queen had 23 pieces of candy in one bowl and another 49 pieces of candy in another bowl. She wants to combine all the candy and then divide it into bags with 8 pieces of candy in each bag. How many bags will she need?

A. 72  
B. 9  
C. 3  
D. 6

3.4.K - Mult Div – Multistep Word Problems – Turtle

**1**  
**Purple**



**2**  
**Red**



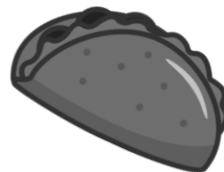
**3**  
**Yellow**



**4**  
**Blue**



**5**  
**Green**



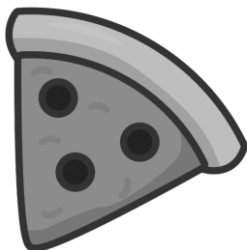
**6**  
**PRYBG**



<p>19. Fashionable Fiona has 49 fashionable sweaters. She wants to put an equal number of sweaters in each of the 7 drawers in her chest of drawers. How many sweaters will go in each drawer?</p> <p>A. 7 B. 6 C. 4 D. 9</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>20. Disgusting Donald made 92 of his famous sugar and toenail cookies. He threw away 11 of them because they were not quite disgusting enough. Then he put an equal number of all the cookies he had left into 9 boxes to give to his 9 best friends for Valentine’s presents. How many cookies went into each box?</p> <p>A. 103 B. 81 C. 10 D. 9</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>21. Peg-Leg Pete, the fearsome pirate, captured 17 ships. Each ship had 5 bags of silver coins and 3 bags of gold coins. How many bags of coins is that in all?</p> <p>A. 15 B. 99 C. 51 D. 136</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>
<p>22. Stinky Stan bought 36 delightfully smelly rotten eggs. He left 6 of them in his car so that it would be nice and stinky. He used the rest to stink up all the rooms in his house. There are six rooms in his house, and he put an equal number of the remaining eggs in each room. How many eggs did he put in each room?</p> <p>A. 7 B. 5 C. 8 D. 30</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>23. Muscular Marvin did 35 sit ups in the morning before breakfast and 40 sit ups at night before going to bed. He repeated this routine for 7 days. How many sit ups is that in all?</p> <p>A. 75 B. 525 C. 245 D. 280</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>	<p>24. Polly the Panda Trainer bought 5 sacks of special panda treats with 15 treats in each bag. Then she shared all the treats evenly among the three pandas she is training. How many treats is that for each panda?</p> <p>A. 75 B. 50 C. 25 D. 15</p> <p>3.4.K - Mult Div – Multistep Word Problems – Turtle</p>

**1**

**Purple**



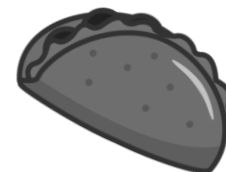
**2**

**Red**



**3**

**Yellow**



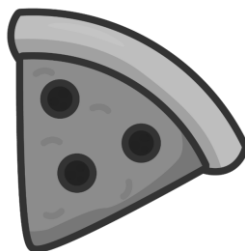
**4**

**Blue**



**5**

**Green**



**6**

**PRYBG**



25. Fashionable Fiona has 6 closets with 35 dresses in each. She also has a special rack where she keeps her 27 very favorite dresses. How many dresses is that in all?

- A. 237
- B. 210
- C. 162
- D. 62

3.4.K - Mult Div – Multistep Word Problems – Turtle

26. Picky Patrick has 64 perfectly folded, spotless white T-shirts. He is placing an equal number of T-shirts into each of 4 drawers. How many T-shirts is that per drawer?

- A. 8
- B. 10
- C. 12
- D. 16

3.4.K - Mult Div – Multistep Word Problems – Turtle

27. Opehlia the Octopus keeper bought 4 bottles of Octopus shampoo with 6 ounces of shampoo in each bottle. Then she used an equal amount of shampoo to wash each of the 3 octopi she keeps. How many ounces of shampoo did she use on each octopus?

- A. 24
- B. 12
- C. 8
- D. 18

3.4.K - Mult Div – Multistep Word Problems – Turtle

28. Creepy Cristabelle bought 6 packages of chicken-flavored piranha treats and 4 packages of beef-flavored piranha treats to feed the piranhas she keeps in her swimming pool. Each package contained 9 treats. How many treats is that in all?

- A. 90
- B. 10
- C. 36
- D. 54

3.4.K - Mult Div – Multistep Word Problems – Turtle

29. One-Eyed Jack, the pirate, stole 7 bags of silver coins. Each bag contained 8 coins. He put all the coins in a big pile, and then put an equal number of coins into each of 4 treasure chests. How many of the stolen coins did he put in each chest?

- A. 2
- B. 28
- C. 56
- D. 14

3.4.K - Mult Div – Multistep Word Problems – Turtle

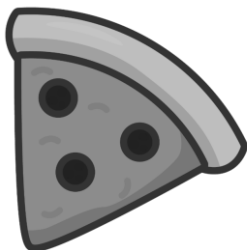
30. The Queen of Hasmuchia has 42 rubies in one jewelry box and 54 rubies in another jewelry box. She wants to use them all to make 8 ruby necklaces to give as Valentine's gifts. She will use the same number of rubies in each necklace. How many rubies will that be in each necklace?

- A. 96
- B. 7
- C. 62
- D. 12

3.4.K - Mult Div – Multistep Word Problems – Turtle

**1**

**Purple**



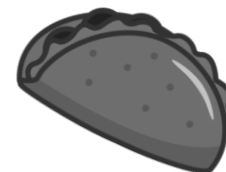
**2**

**Red**



**3**

**Yellow**



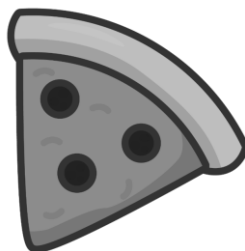
**4**

**Blue**



**5**

**Green**



**6**

**PRYBG**

