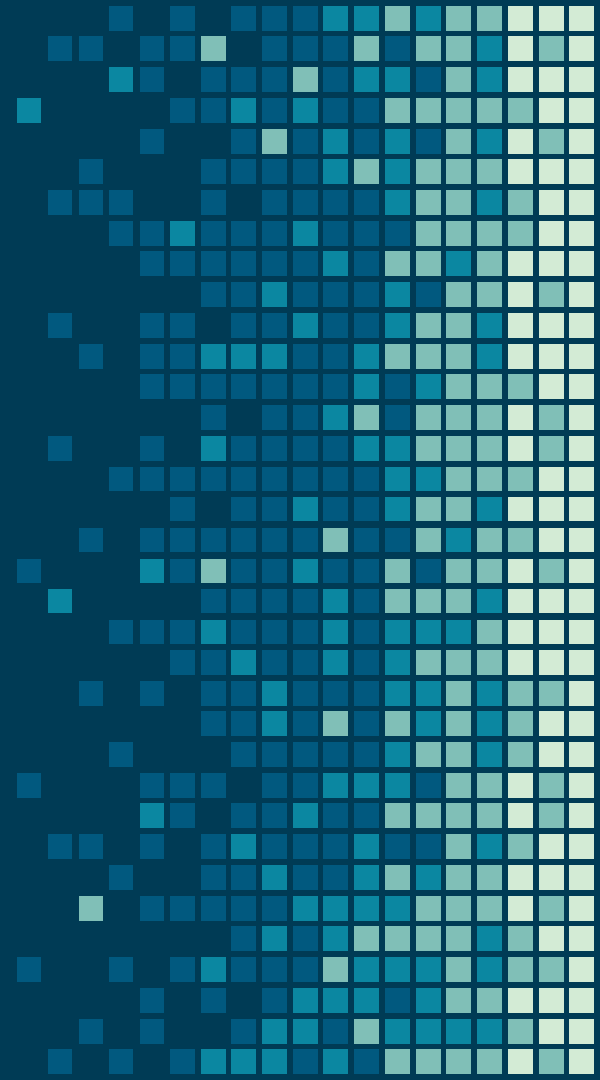


Domino Grab –
Counting to 6, 12,
18 and 24





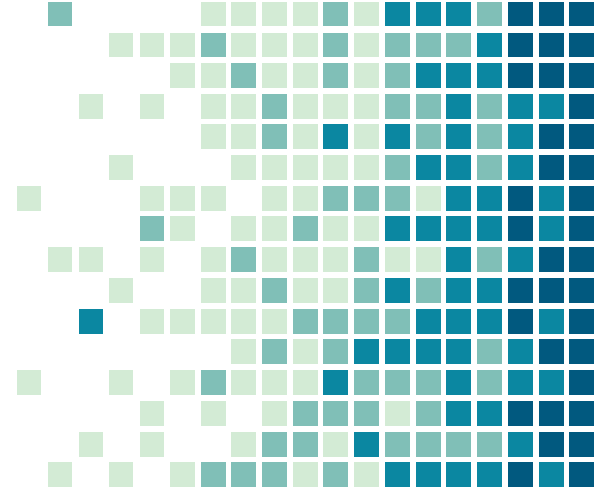
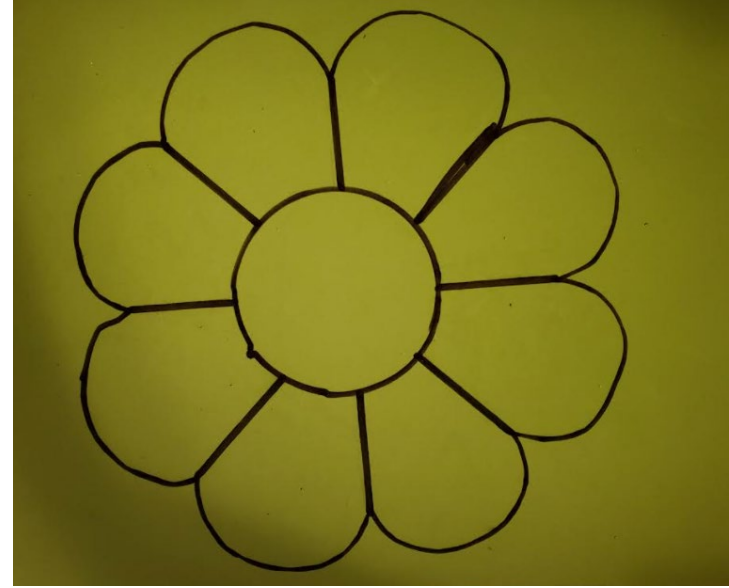
Domino Grab Game

Having students practice math facts using Dot dice (subitizing) or dice with cardinal numbers on them (1,2,3...) in a game format helps not only strengthen their foundations but also provides an engaging approach to learning.



Materials Required:

- Up to 4 dice either physical or digital (dot or numbers or a mix)
- A playing board for each student. A design similar to one the shown drawn on 8.5 x 11" paper or on manila tag for a larger size. You could reduce the number of petals to 5 for younger grades and depending on the amount of domino resources you have available.
- Games will be played using one die (sum to 6), 2 dice (sum to 12), 3 dice (sum to 18) or 4 dice (sum to 24). The target sum and ability of your students will determine which version of the game they will play (differentiation).



Rules:

The games are played with 2 – 4 players. In each case, select the dominos that fit the game you are playing. Turn the dominos face down and each player randomly selects enough tiles to place one on each petal of their game board. Dominos should be face up so they can see what the dot patterns are. Each player takes a turn rolling the die (dice), find the sum of the dots on the dice and then determine whether they have a matching sum on any of their dominos. If they do, they remove that domino. If there are two matching sums you can only remove one domino at a time. If they do not have the sum on their dominos, the ply moves to the next player. The first player to remove all their dominos wins!

Total to 6 – use one regular 6 sided die.

Play with 6's dominos and select only the tiles whose sum will be a maximum of 6. You may need more than one set depending on how many players you have.

Total to 12 – use 2 regular 6 sided dice

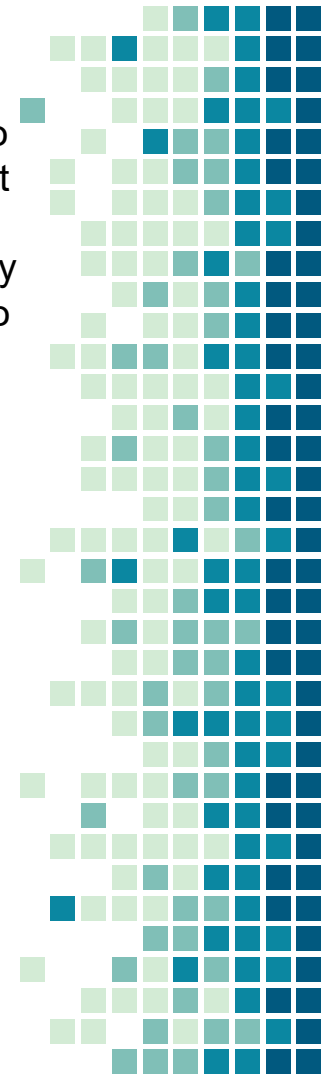
Play with 6's dominos using the entire set. Decide whether you will use the blank (zero) tiles.

Total to 18 – use 3 regular 6 sided dice or one 6 sided and one 12 sided dice.

Play with the 9's dominos. Decide whether you will use the zero (blank) dominos.

Total to 24 – use 4 regular 6 sided dice or two 12 sided dice.

Play with the 12's dominos. Decide whether you will use the zero (blank) dominos.

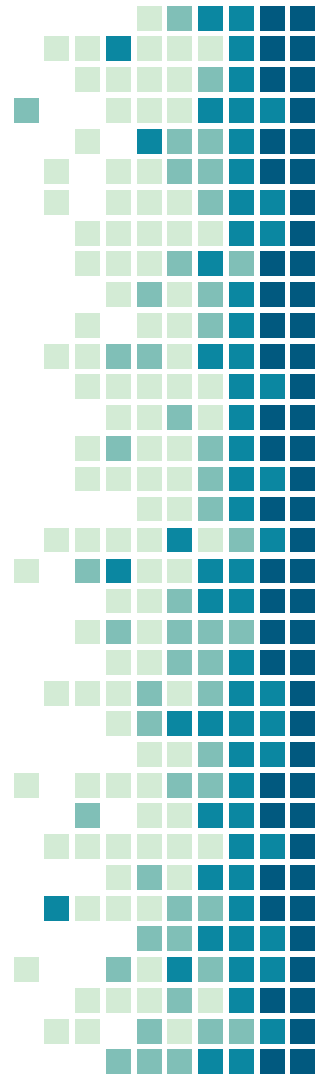




Sample

Total to 6 – use one regular 6 sided die.

Play with 6's dominos and select only the tiles whose sum will be a maximum of 6. You may need more than one set depending on how many players you have.





Sample sum of 12

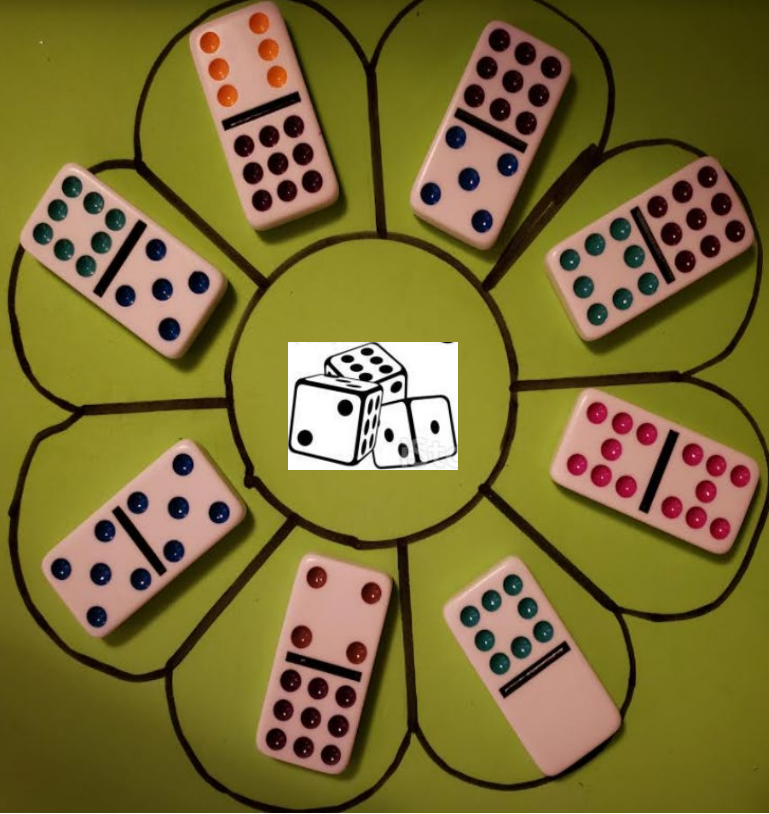
Total to 12 – use 2 regular 6 sided dice

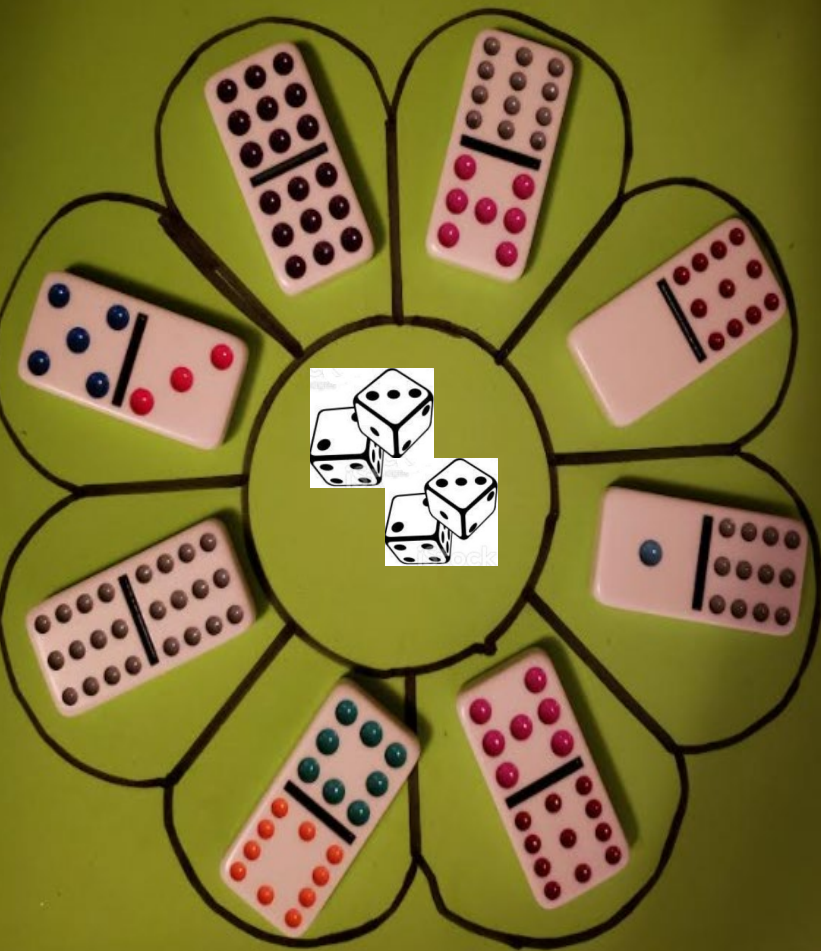
Play with 6's dominos using the entire set. Decide whether you will use the blank (zero) tiles.

Sample sum of 18

Total to 18 – use 3
regular 6 sided dice or
one 6 sided and one
12 sided dice.

Play with the 9's
dominos. Decide
whether you will use
the zero (blank)
dominos.





Sample Sum to 24

Total to 24 – use 4 regular 6 sided dice or two 12 sided dice.

Play with the 12's dominos. Decide whether you will use the zero (blank) dominos.



THANKS!

Any questions?

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