Would You Rather…

Have the revenue from an amusement park Ferris wheel *or* carousel ride?

4 tickets to ride

3 tickets to ride

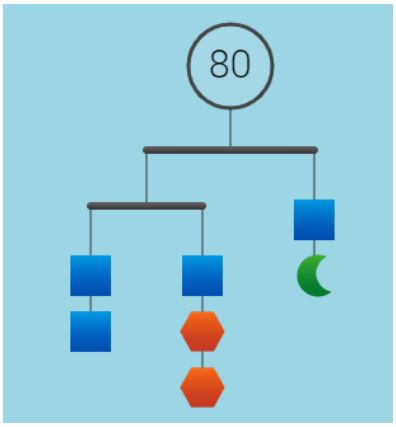
Explain your choice.

Math Boggle

From a deck of cards remove face cards. Lay 16 cards down on the table face-up in four rows and four columns. Set a timer and when you call "Go!", players look to see where they can find equations among the sixteen different cards. Players can write down equations that go vertically, horizontally, diagonally, and even zig-zag, so long as the cards are in order and are touching at a side or corner. For example, if a player finds a 4, 3, and 1 next to each other, they can write "4 – 3 = 1" as an equation, or "1 + 3 = 4" as another equation. However, if the player finds a 3, 4, and 1 in a row, they cannot rearrange the numbers to make "4 – 3 = 1" or " 1 + 3 = 4".

Change it up:
Make the game more challenging by using all of the cards: add in the Jack, Queen, and King (J=11, Q=12, and K=13)

Number Mobile



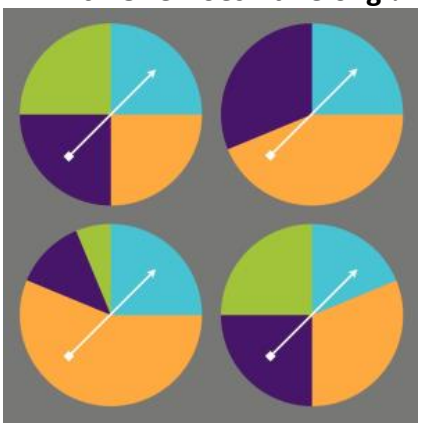
Find the value of each shape.

Try more puzzles at :
https://solveme.edc.org/Mobiles.html

Buying a Loaf of Bread

Maria went to the bread store to buy a loaf of bread for dinner. She had 2 quarters, 4 dimes, 3 nickels and 2 pennies. The total cost of the bread $0.82. She promised to make sure she had exactly 1 coin remaining after purchase. Which coins did she have left after buying the loaf of bread?

Which One Doesn't Belong ?

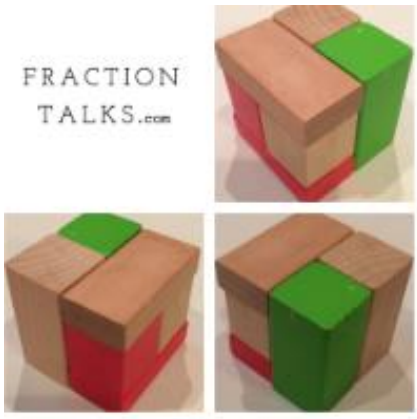


Find a reason why each spinner does not belong.

Multiplication Games with Whiz Kids

Using simple materials such as playing cards, homemade spinners and an egg carton dice, dominoes, paper and pencil to practice multiplication facts in a fun way.

Follow the link for games and instructions:
Multiplication Games



Here are three different views of the same cube of blocks. What fraction of the cube is made with green blocks, red blocks and brown blocks?

Take Time for Times

Practice multiplication facts.
Draw a game board 5 rows of 4.
Decide 2 multiplication type facts you want to work on and print them on the top of your paper. Ex: X 4 X 6
In the squares print all the products 0x4 to 9x4 and 0x6 to 9x6. Using a deck of cards 1-9 and queens being 0, players will take turns flipping over a card. If they flip over a 2 they can decide to multiply 2 x 4 or 2x6 and cover the product. Next player's turn. First player to get 3 in a row wins.

Click on site to see game in action:
3 in a Row

Problem of the Week

Jack was doodling and he drew a picture that had a square in the middle, surrounded by other smaller squares. Together, the middle square and all the smaller squares form a bigger square. The smaller squares all have the same side lengths, and there are no overlaps between the squares and no gaps in the picture. The side lengths of the smaller squares are each 1 3 the side length of the middle square.

A) How many smaller squares are in the picture?

B) If the side length of the middle square is 6 cm, what is the area of the square formed by the whole picture?

Would You Rather…

Have your learner explain their thinking.

Math Boggle

9	5	3	1
7	7	0	2
1	6	7	5
7	4	2	10

Ex : 7 x 1 = 7
2 x 5 =10
5 -3 = 2
7 -6 = 1
10 ÷ 5 = 2….

As your learner becomes more confident only give them a specific amount of time. Who can find more equations?

Number Mobile

Have your learner look at the whole puzzle to determine where to begin. [Sometimes puzzles do not start at the top.]

Buying a Loaf of Bread

Use real coins if they are available. Hands on material help with the understanding of concepts.

Which One Doesn't Belong ?

The learner should explain each time they choose a spinner why they feel it does not belong in the group. The ideas are endless so encourage your learner to find more than one way to look at it.

For more examples go to:
http://wodb.ca/shapes.html

Multiplication Games with Whiz Kids

Multiplication Games

Fraction Talks

If you have blocks or lego bricks try to copy the cube then find the fraction of each color used.

Make your own cube with different blocks and determine the fraction of each type of blocks.
To try other fraction talks go to:
http://fractiontalks.com/

Take Time for Times

Great opportunity to work on multiplication facts. The first game could be done with easier facts such as multiplying by 5 or 10 until they get the hang of the game then have your learner do facts that they find more challenging such as 6s, 7s, and 8s.

Problem of the Week

Encourage your learner to draw the squares on paper to help show their thinking.