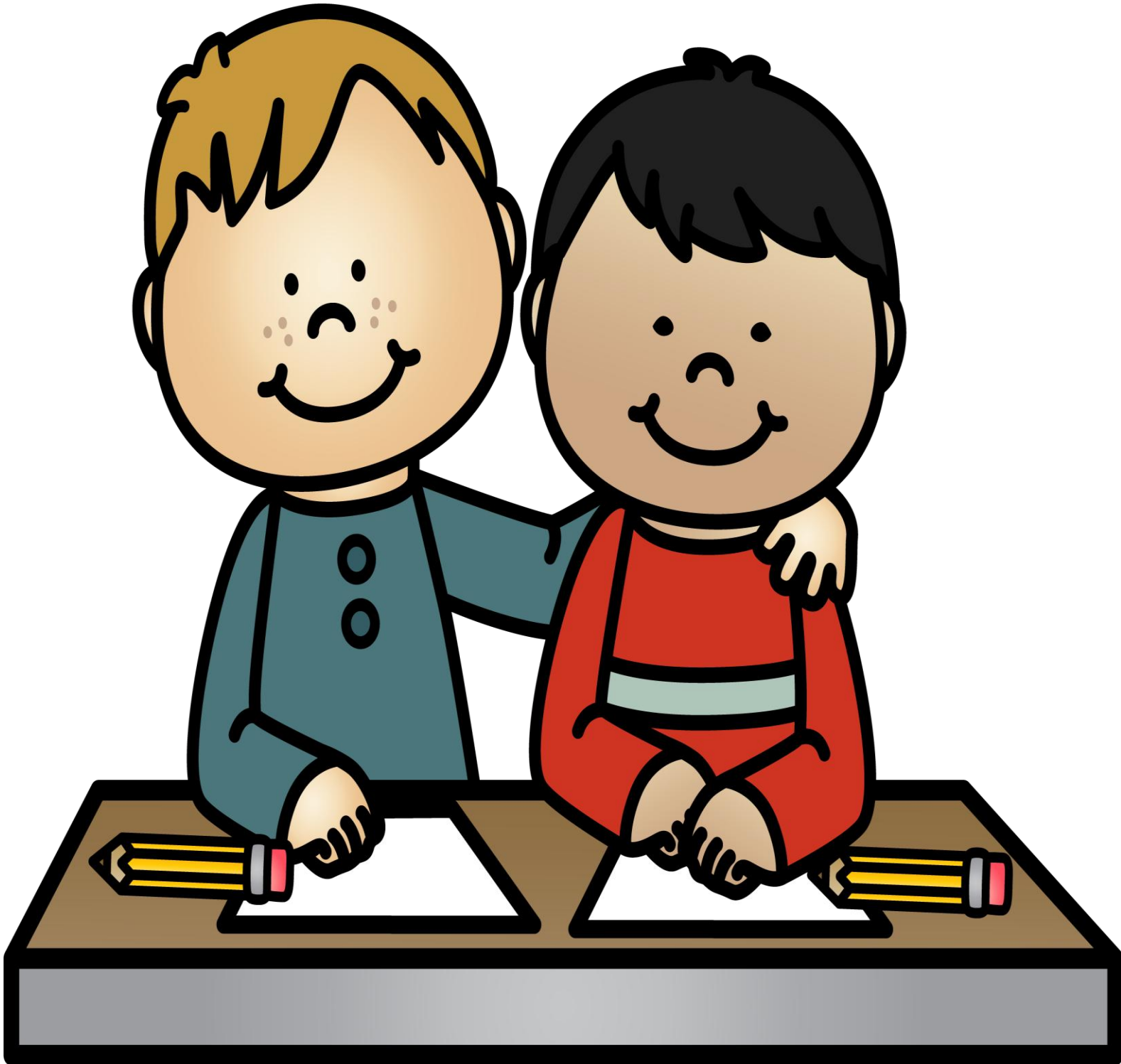
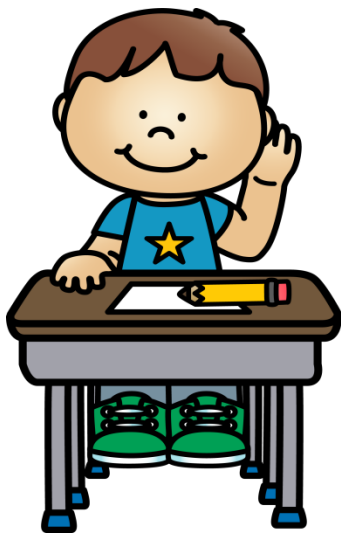


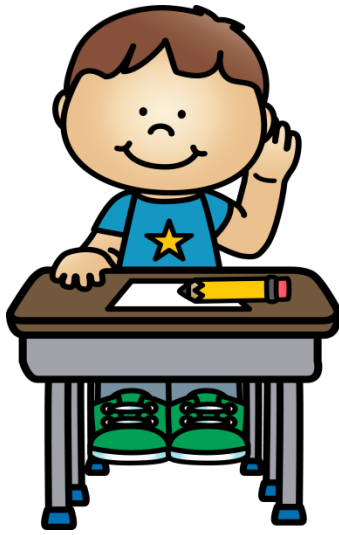
# Mixed

## Addition and Subtraction





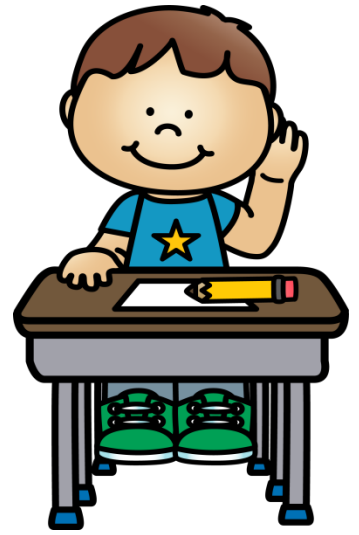
$$1+3=$$



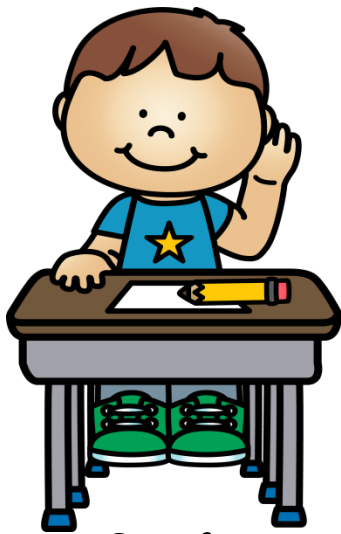
$$9+4=$$



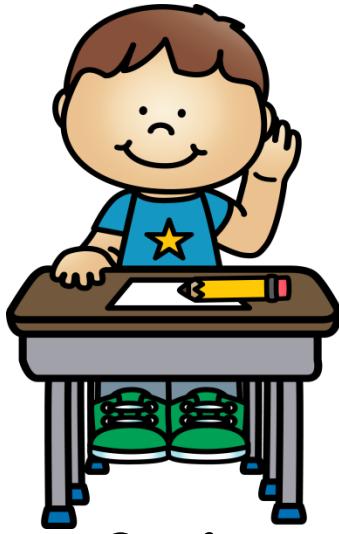
$$5+8=$$



$$3+3=$$



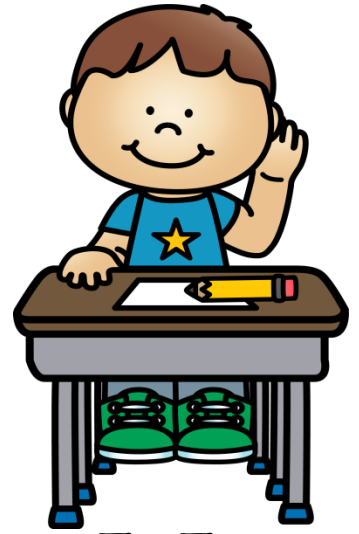
$$2+4=$$



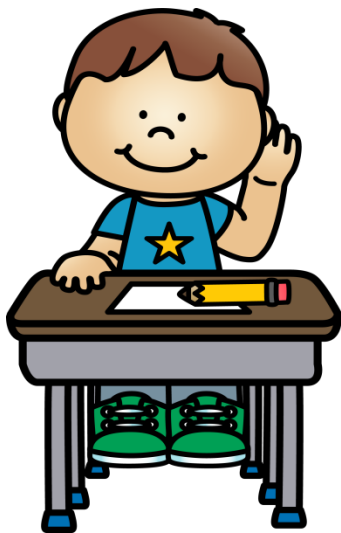
$$0+4=$$



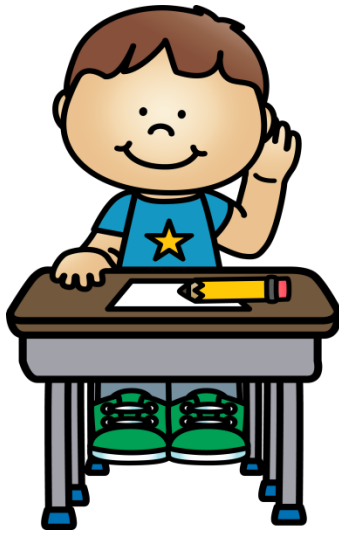
$$6+3=$$



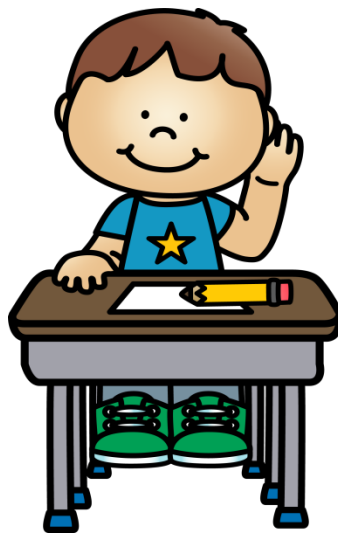
$$5+5=$$



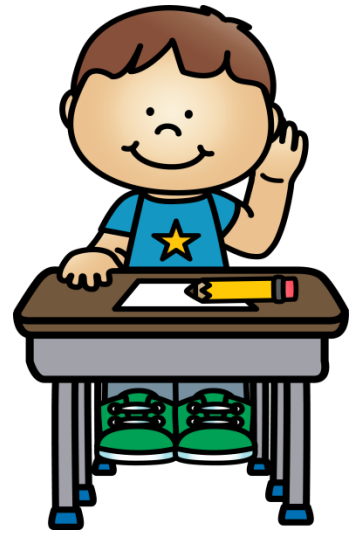
$$7+4=$$



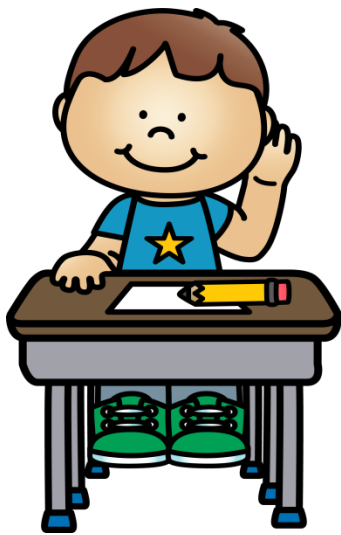
$$8+6=$$



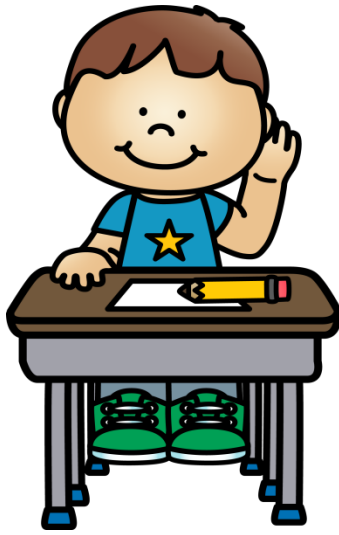
$$2+9=$$



$$1+7=$$



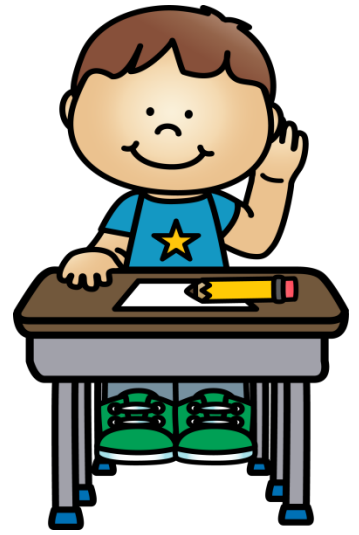
$$10-1=$$



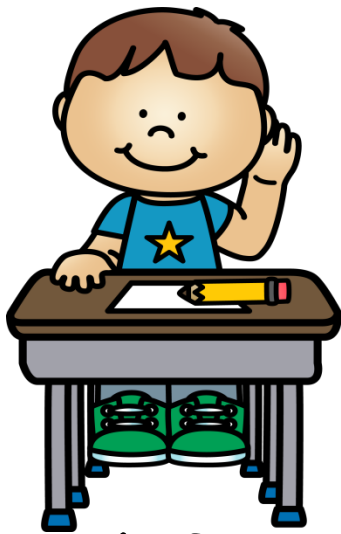
$$10-8=$$



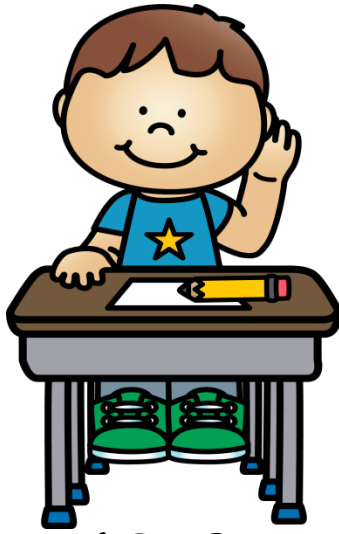
$$16-8=$$



$$5-1=$$



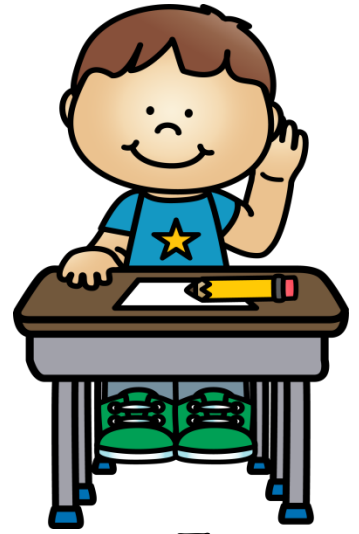
$$6-3=$$



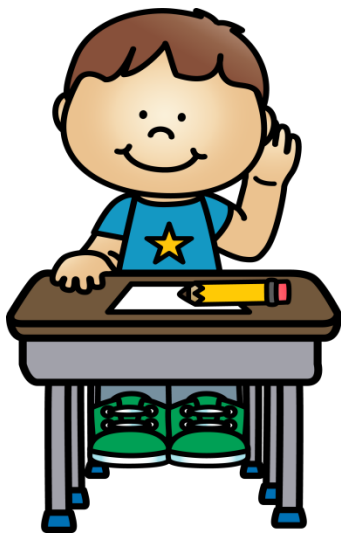
$$18-9=$$



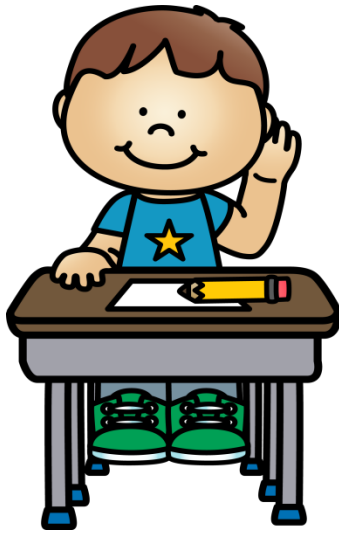
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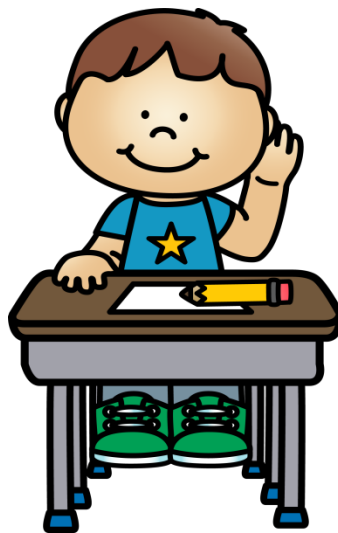
$$7-5=$$



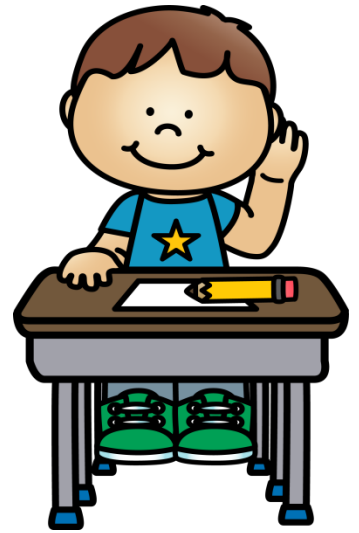
$$9-7=$$



$$12-8=$$



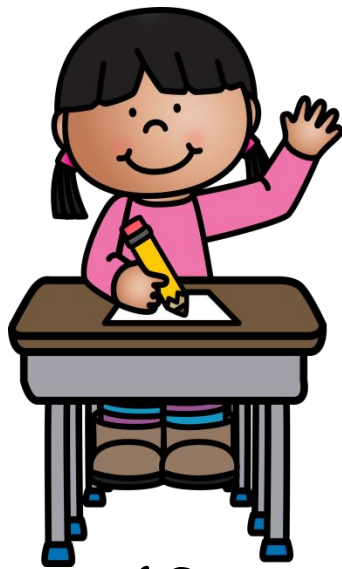
$$14-5=$$



$$8-6=$$



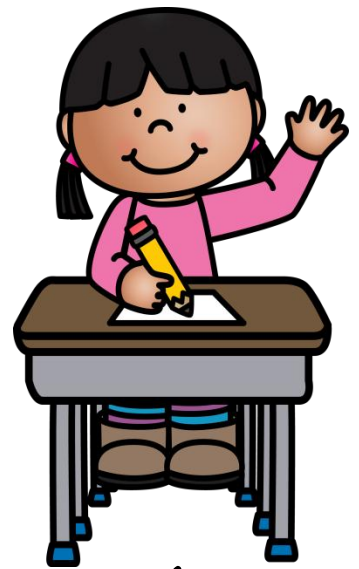
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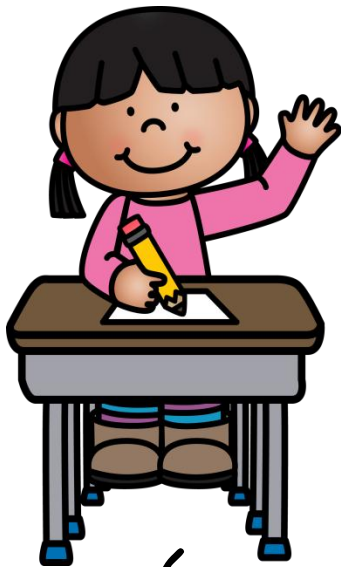
13



13



6



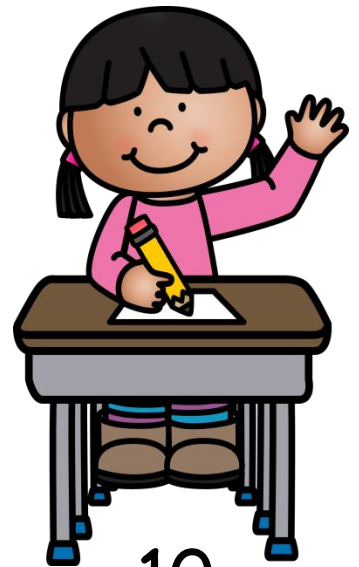
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4



9



10



11



14



11



8



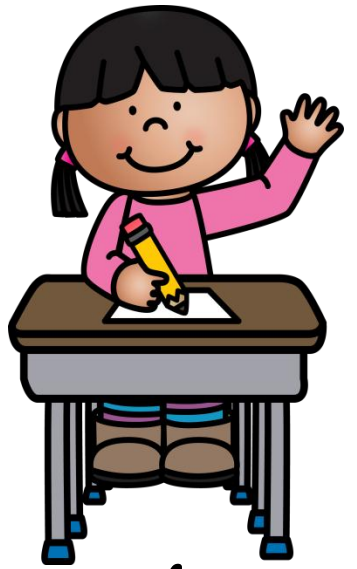
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2



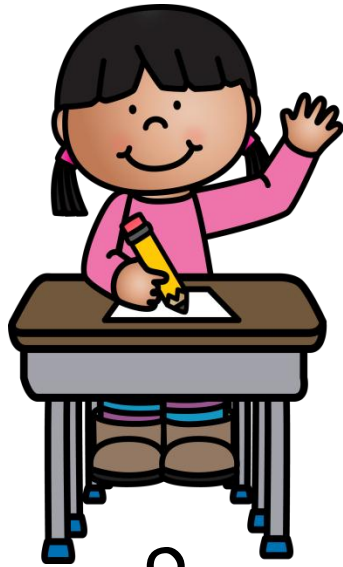
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4



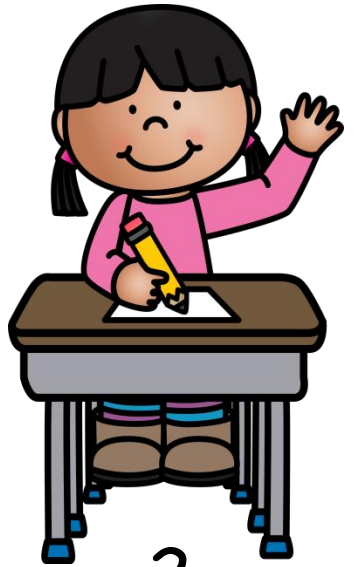
3



9



1



2



2



4



9

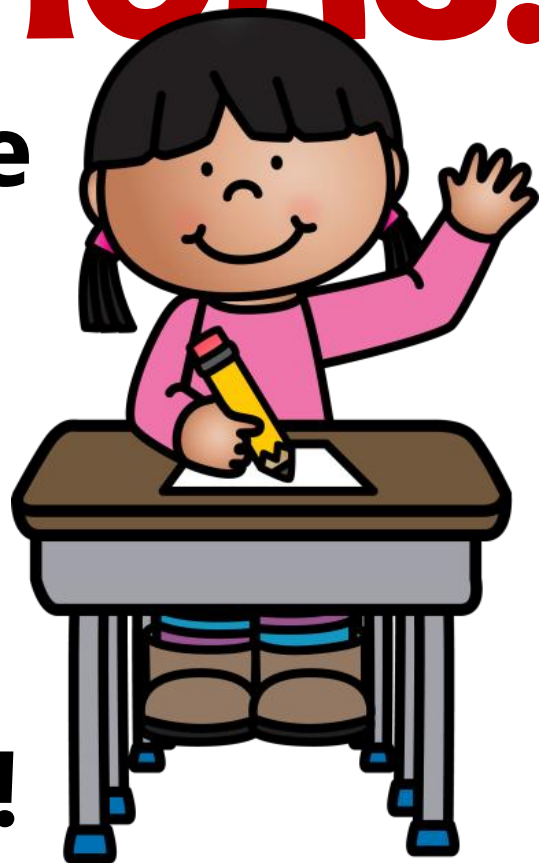


2



# Student Directions!

Help the little  
girl find her  
friend by  
matching  
up the  
correct cards!



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Teachers ~ Cut out the above  
*Student Directions* and place them with your  
center game folder, envelope or baggie.

😊 Enjoy! 😊

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# Math Center!



## Introduction to Color By Numbers, Task Cards, and Center Games

Dear Teachers, Parents, and Friends,

I am a retired teacher, who loves creating resources. My experience comes from working in Florida and Texas. I used to say teaching was 10% paperwork and 90% teaching when I first started. Back then, teaching was such a JOY! But as the years continued and EVERYTHING was piled on us, the scales tipped and towards the end of my career I felt that teaching was only 10% and the paperwork (and the unrealistic demands and deadlines) became 90% of the job. That 90% is what teachers are usually expected to complete on their own time! Just read the media headlines to know that MOST of the JOY of teaching is long gone. It is my desire to help you gain more joy in your teaching career!

I have been blogging and creating for TeachersPayTeachers (and other sites) since 2008! I love creating resources for your students and I'm deeply passionate about helping new teachers. If you are a new teacher fresh out of college, or you are returning to the work force as a teacher from another career, I want to help you with lesson plans, ideas, freebies, and resources. All teachers need a BIG bag of tricks, things that help make the day to day job of teaching easier. I hope to help you develop that bag of tricks! Teaching is hard, I've got your back.

I am now including this Introduction to Color By Numbers, Task Cards, and Center Games with my TpT resources to give teachers and parents some new ideas. Please note, not all of my resources may include all of these exact parts and pieces, but this free guide is a perfect jumping off point to help you get started.

If you have more questions or concerns, I'm only an e-mail away.

[FernleySmith@gmail.com](mailto:FernleySmith@gmail.com).

Thinking of you and your students daily, while wishing you the very best for a wonderful year!

Fondly,

Fern

Fern Smith of Fern Smith's Classroom Ideas

[www.FernSmithsClassroomIdeas.com](http://www.FernSmithsClassroomIdeas.com)

[www.teacherspayteachers.com/Store/Fern-Smiths-Classroom-Ideas](http://www.teacherspayteachers.com/Store/Fern-Smiths-Classroom-Ideas)



# Task Card Directions

## Directions to Make Task Cards

1. Print the task cards on copy paper or card stock paper.
2. Laminate if desired.
3. Cut out each individual task card and place in a folder, envelope, baggie, basket or small pencil case at your math center.
4. Print and copy as many of the recording sheets that you need.
5. Print the answer key for yourself OR print it, laminate it and keep it at your math center to be a student led, self-correcting sheet.
6. This resource also includes a math center sign and a center cover, see picture. I like to place the cover on a folder to store at the center and I also use it to file away the center for next year. See the pages labeled More Center Game Ideas, for storage solutions.

## Ways to Use Task Cards in Your Class

Task cards allow your students to be independent learners and you can use them in many ways in your classroom. Task cards are perfect to reinforce and review a skill and can be used for an informal assessment. When used with a recording sheet, it can also give you, the teacher, a formal assessment. You can use these task cards for an individual assignment, pairs, small groups, or on your overhead display as an activity for the whole class. The easiest way to use these task cards is to place them at your math center during your math rotations. Set the expectation in advance about behavior and where they need to turn in the recording sheet. You can also use task cards with your small group during your small group instruction. Show the students one task card at a time and they can solve it using a white board and white board marker.

Another way to use these task cards is a game called Scoot. It is a terrific game to get your students up and moving around the room. With a clipboard and the recording sheet, the students don't need to stay at one math center area but go to predetermined locations where you have previously placed the cards.

For more ideas to use task cards in your classroom, see the pages labeled More Center Game Ideas. These task cards will work perfectly with some of those ideas too!



# Color By Number Directions

## Ways to Use Color By Number Worksheets in Your Class

Color by Number, or Color By Code, worksheets are a wonderful way to add a little joy to your classroom while still having your students work independently to review important skills.

The table below is an **example** of how to lay out your week with a five page Color By Number resource.

### Color By Numbers are Perfect for...

- Remediation and RTI groups
- Substitute teacher folders
- Fine motor skills work
- Indoor recess
- Morning work
- Emergency sub tubs
- Homework packets
- Math centers
- Early morning students
- After school tutoring
- And so much more!
- Tutoring
- Seat work
- Early Finishers

Monday	Tuesday	Wednesday	Thursday	Friday

### Lesson Plan Ideas

**Monday** - Use the page that has the LUNCH BAG in the corner as a pre-assessment. It has 11 mixed order addition problems.

**Tuesday** - Use the WELCOME color by number page during morning work, math seat work, math centers or small group time. **If you purchased these Color By Number worksheets in a bundle, Tuesday to Thursday is perfect to have the Task Cards and Center Games as seat work, math centers or small group work.**

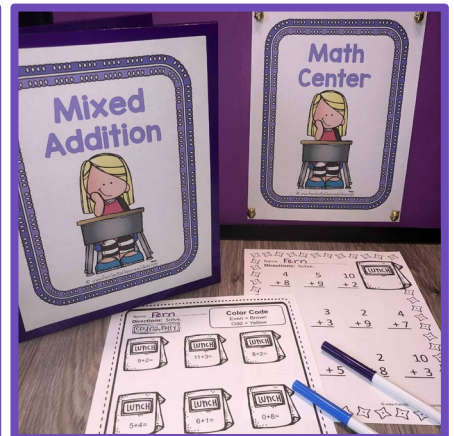
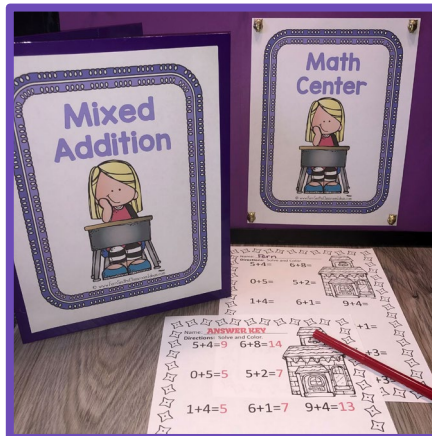
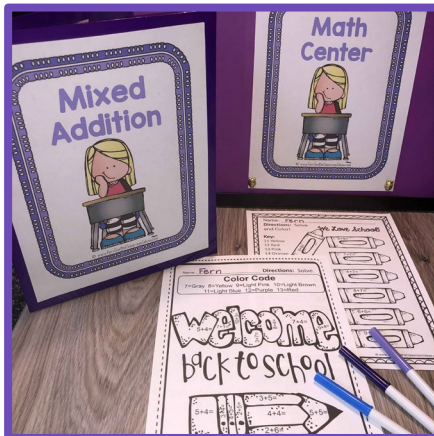
**Wednesday** - Use the CRAYON color by number page during morning work, math seat work, math centers or small group time.

**Thursday** - Use the LUNCH BAG color by number page, to take addition to the next level, with the students solving the addition and then coloring the bags by ODD or EVEN during morning work, math seat work, math centers or small group time. Use the LUNCH BAG page from Monday as a homework review.

**Friday** - Use the SCHOOLHOUSE page as a final assessment. It has 16 mixed order addition problems.

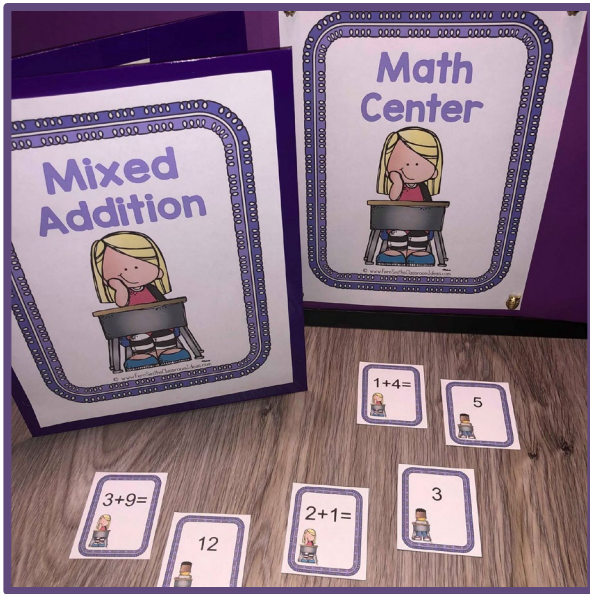
**Most of my resources include 4 - 6 pages and answer keys.**

**In addition to the five worksheets in this example, there are also five matching answer keys.**





# Center Game Directions



These centers are quick and easy to prepare, and they can be used for a variety of games... concentration, match game, go fish, scoot, read the room, they can be made to be self checking, and even perfect for assessments. Once your students play with this deck, many of my other Quick and Easy to Prep centers can be used for different skills and seasons. Your center time will run smoothly and with very little prep from you! This Quick and Easy to Prep Mixed Addition Center Game example shown is perfect for your student led math center. Add some math manipulatives of your choice based on your students' needs. I love the plastic bear counters and have even used them as high up as 3<sup>rd</sup> grade. Third grades are still only 8 and 9-year-old children and it adds a little fun to your math center.

**Research shows that teachers must spend too much classroom time SHOWING and TEACHING their students how to play different center games.**

**Changing up different styles of center games each week leads to two different outcomes.**

1. The students learn how to play a new game, but they don't play it enough to learn and review the SKILL that was the original intent of the game. Remember the first time you played Clue or Monopoly? You spent A LOT of time learning the GAME, the RULES, but not the problem solving that goes with winning those game. After 3 or 4 times playing the game, you LEARNED how to focus on the problem solving, the WINNING of the game, since you finally know the routine and the rules. The same negative outcome happens with changing the type of center each week for our students.

2. It takes so much time to teach new games each week that teachers interviewed stated that they simply did not have time. So those teachers tend not to do math stations, math centers. In the long run, their students lose the life skills that come from games. Cooperation, good sportsmanship, strategic planning, problem solving, independence, critical thinking skills, etc. AND teachers miss out on having quality small group time with their students.

# More Center Game Ideas



My center games are quick and easy to prepare, they can be used for a variety of math games... concentration, match game, go fish, scoot, read the room, they can be created to be self checking, and they are even perfect for assessments. Once your students play with this **FREE** center game you downloaded, many of my other **Quick and Easy to Prep Centers** can be used for different skills and seasons. Your center time will run smoothly and with very little prep from you!

My Quick and Easy to Prep Center Games are Perfect for math centers, seat work, small group work, a review, RTI tutoring, a "Make It, Take It" Activity for Meet the Parents, Open House, Math Night, etc. The possibilities are endless!

**Research shows that teachers must spend too much classroom time SHOWING and TEACHING their students how to play different center games.**

**Changing up different styles of center games each week leads to two different outcomes.**

1. The students learn how to play a new game, but they don't play it enough to learn and review the **SKILL** that was the original intent of the game. Remember the first time you played Clue or Monopoly? You spent A LOT of time learning the **GAME**, the **RULES**, but not the problem solving that goes with those game. After 3 or 4 times playing the game, you **LEARNED** how to focus on the problem solving, the **WINNING** of the game, since you finally know the routine and the rules. The same negative outcome happens with changing the type of center each week for our students.
2. It takes so much time to teach new games each week that teachers interviewed stated that they simply did not have time. So those teachers tend not to do math stations, math centers. In the long run, their students lose the life skills that come from games. Cooperation, good sportsmanship, strategic planning, problem solving, independence, critical thinking skills, etc. AND teachers miss out on having quality small group time with their students.



**I've created most of my center games to be easy to print, cut, laminate {if desired} and store in their classroom. Pieces are easy to cut, either square shaped, or rectangular, perfect for a paper slicer.**

## **Different Ways to Use My Center Games In Your Classroom**

Keep one page as a game board, do not cut out the individual playing cards. Then, cut out the matching cards. It doesn't matter if you cut out the problems and keep the answers as the game board, like the picture shows, or cut out the answers and keep the problems as the game board. Your students will get practice either way. If printing is no problem, you can create two different centers, one with the problem page as the game board and another one with the answer page as the game board.



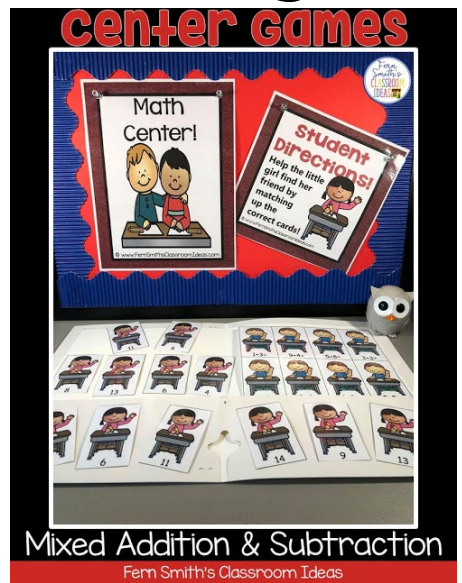
# More Center Game Ideas Pg. 2



Picture #1



Picture #2



Picture #3

Another way to play is to cut out all the cards, answers and problems and mix them all together.

**Picture #1** shows one way to differentiate this game. It only has the subtraction problems and answers at the center.

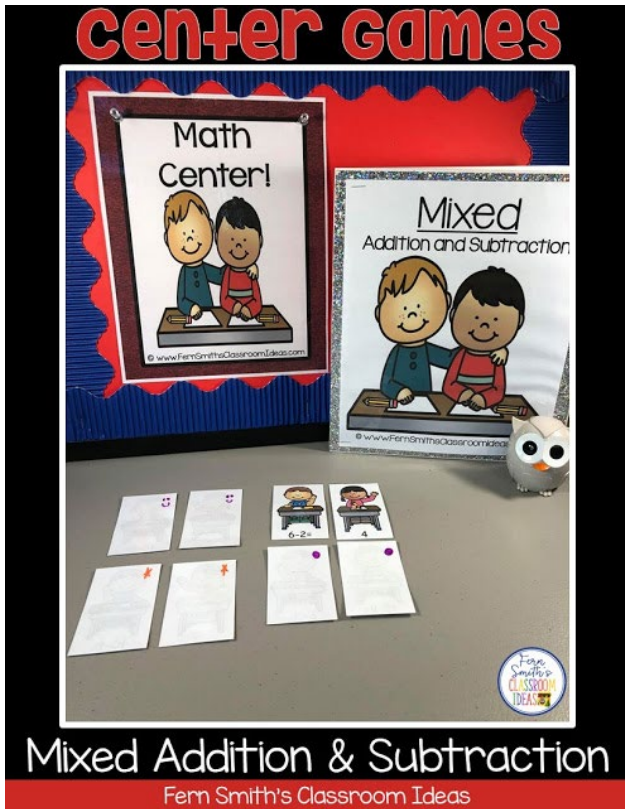
**Picture #2** has just the addition problems and answers for a different skill review. If a little background noise doesn't bother, I use to teach my students how to use a timer at the beginning of the year. The owl in this picture is a timer, if center time is 10 minutes in your class, teach them to set it for 9 minutes. When the timer rings, they will know to clean up because they will be rotating in a minute. If you have 15 minutes for small group, teach them to set it for 14 minutes. They love using a timer, it makes them feel grown up! :)

**Picture #3** shows that if space is at a premium in your classroom, and you don't have set center areas, storing the center in a folder lets the students take it back to their seat, under their seat on the floor, or a quiet corner in the room and have a "CENTER" all ready to use. This becomes even lower prep for you once you teach them where to get the center and the expectations when using that center. As you know, two pocket folders are dirt cheap during the back to school sales. I know I have been on teams at different schools where we NEVER used the pocket folders that the school supply list at Wal\*Mart had listed for our grade level. This way, using them for centers makes me feel a little better about the money the parents spent on them. Also, in the past, I have asked parents for these folders when the stores had them marked down to ten and five cents.

**Picture #4** shows another way that I really liked, and one that worked well with my third graders. Keep everything in a gallon Ziploc baggie. The older students can handle the zipper at the top and you will end up with fewer missing pieces. Once, when I had a very small classroom, center time and silent reading time was the only time they were allowed UNDER their desks, we called it our forts to make that time special. Ziploc baggies work well for students that need to pick up the center game and move it to their desk to work on that skill. When using a gallon Ziploc, I put the cover in so that it was showing on one side, and then the directions showing on the other side. I taught the students that they did not have to pull out those two pages. This works well if laminating is costly and not easily available at your school. Those two pages will keep well in the Ziploc baggie.



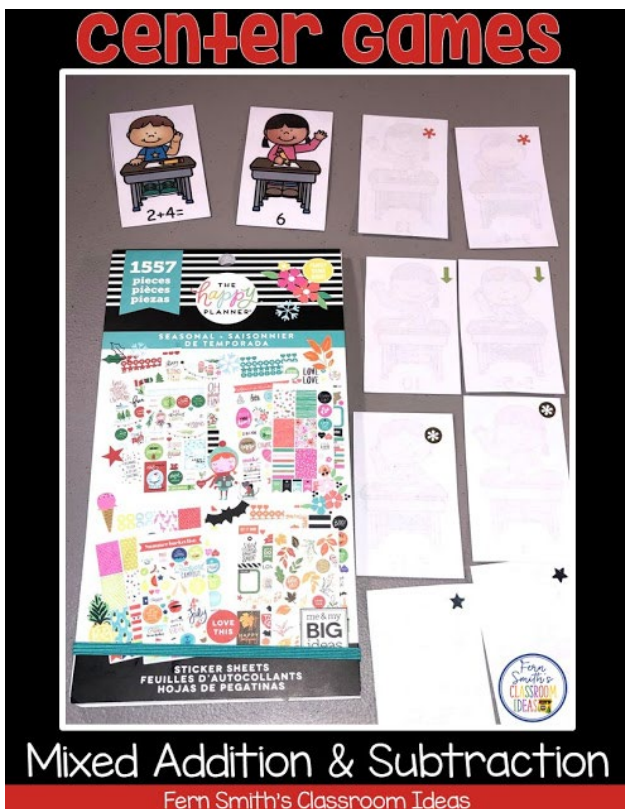
# More Center Game Ideas Pg. 3



## Another Way to Play

To play a very basic center game, when you prep your card deck, use different color Sharpie Markers to make matching symbols on the back of matching cards. Then the student turns all the cards face up / problem and answer side up and lays them out on the floor or table. They work the math, mentally, or with a white board, and then flip the two pairs over to see a matching symbol on the back to know it is the correct pair.

For remediation of your low babies, you can do like my photo example and just do three or four pairs of problems at your small group time. This will allow them fewer answers to select from and be more successful in reviewing their facts.

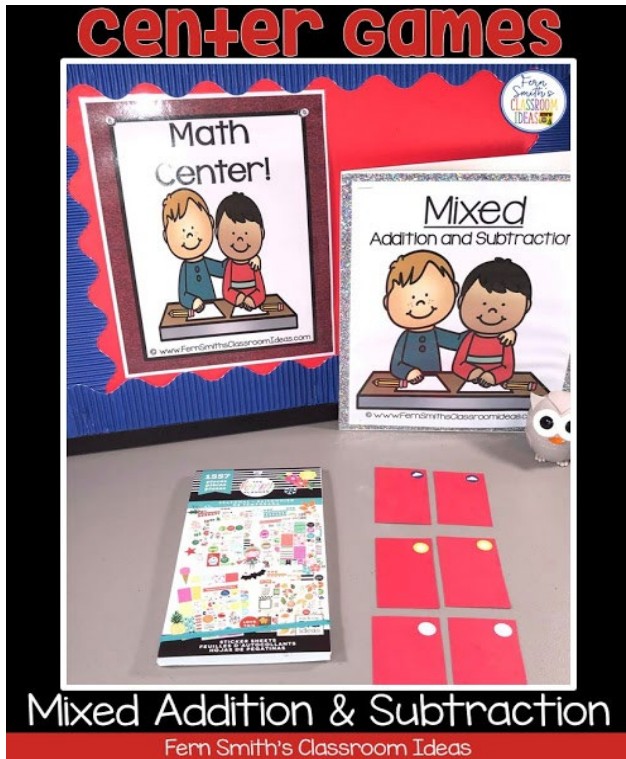


## Another Fun Idea

This is just like the above directions, but when you prep your card deck, use cute little stickers to make matching pictures on the back of matching cards. I know when I buy stickers for my planners, I always have a lot of those little-bitty stickers left over after I use the big, fun ones! Those stickers are perfect for this.



# More Center Game Ideas Pg. 4



## Another Fun Idea

I know I said that two pocket folders are inexpensive, but I wanted to share this folder I found, it's front cover is all glittery and it was worth the little extra expense for a little sparker at my center! I also created some math center cards with red card stock so that the students in my small group remediation group felt like it was a different {a new} center just for them with fewer cards. Just one more little tip, but the possibilities are endless!



## Another Fun Idea

I like to store my center games in a filing cabinet, both the folder option and the baggie option fit nicely into your files. I have spent most of my career in primary education, which is usually seasonal, so I keep all my files by month, August at the front and working my way back to June! I hope some of these suggestions help you with your small group time by having some engaging games for your other students at centers.

To read my blog post explaining all the ways to use these cards in your math center, click here:

<https://www.fernsmithsclassroomideas.com/2019/08/ferns-freebie-friday-back-to-school-CENTER.html>

# More Math Center Games

## MATH CENTER SNAP!

### THE OBJECT OF THE GAME

The goal is to win all or most of the cards.

### DEAL

Deal five cards face down, one at a time, to each player. Each player puts their cards in a pile, face down in front of them.

### HOW TO PLAY

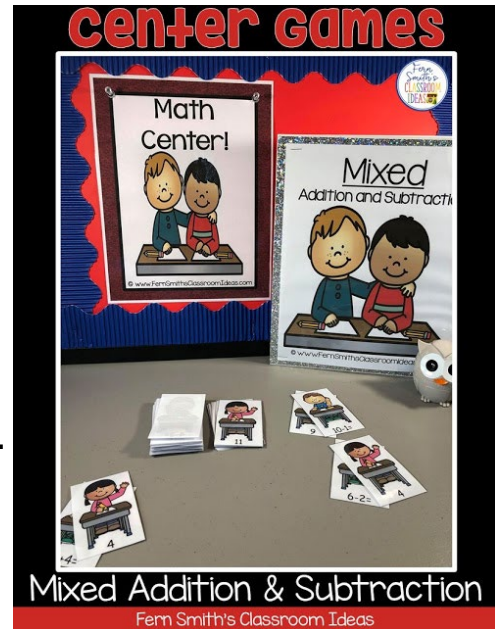
The youngest student gets to go first.

They turn over the top card of the pile and put it face up starting a pile of cards next to the extra face down card pile. The next player to the left does the same and so on around the table, clockwise.

When someone turns up a card that matches a card already face up, the first person to notice the two matched cards calls out "Snap!" and wins the cards. This player displays the two matching cards in front of them.

During the game, if a player runs out of cards in their face-down pile, they pick up five new cards from the extra card pile, or less than five if the pile is running low.

The winner has the most pairs of cards at the end of center time





# More Math Center Games

## MATH CENTER CONCENTRATION!

### THE OBJECT OF THE GAME

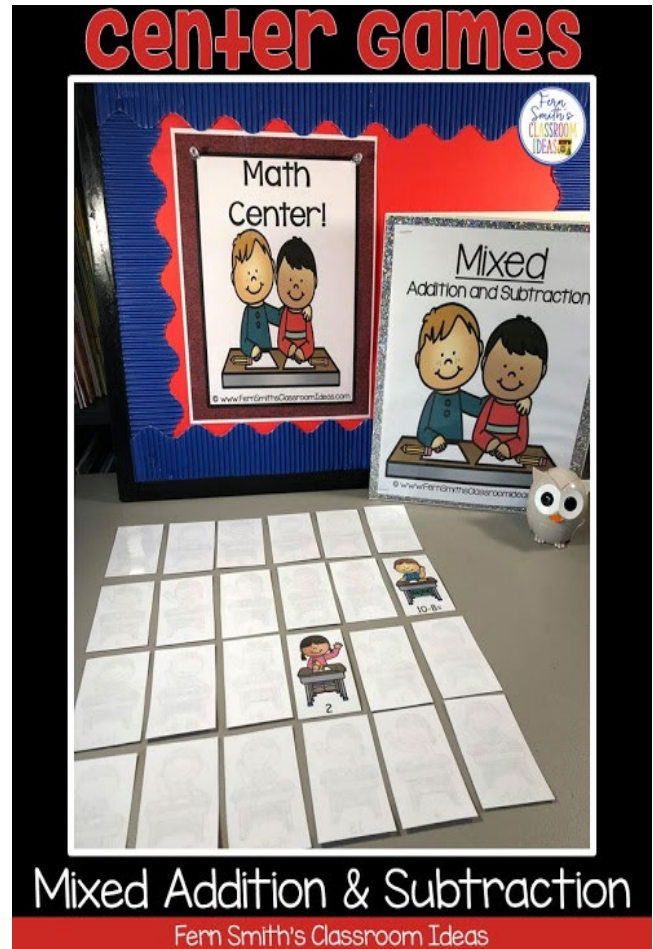
The goal is to win all or most of the cards. This is an excellent ONE PLAYER game.

### DEAL

To play Match Game or Concentration, the student turns all the cards over face down / problem and answer side down and lays them out on the floor or table.

### HOW TO PLAY

This works well with colored card stock so they can not see thru the cards. My picture was just regular copy paper for a photo example and you can peek and see the answers. ;) During the game, the student keeps all matching pairs and the object is to collect the most pairs by the end of center time. This can also be an excellent two or three player game by taking turns.



# More Math Center Games

## MATH CENTER GO FISH!

### THE OBJECT OF THE GAME

The goal is to win all or most of the cards.

### DEAL

Deal five cards face down, one at a time, to each player. Each player puts their cards in their hand so they can read them.

### HOW TO PLAY

The youngest student gets to go first. They ask another student, "do you have  $12-8=4$ ?" They may ask this question if they have the answer card or the problem card. Teach this at the beginning of the year, so they mentally work the math out and SPECIFICALLY gain practice with the math.... ultimately the objective of all your math center games.

The other student will give them the card or if they do not have that card, "Go Fish" and the asking student will pull a card for the extra card pile. If they get their exact match, they may go again, from their friend or the extra pile. If not, it is the next student's turn.

The winner has the most pairs of cards at the end of center time.

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