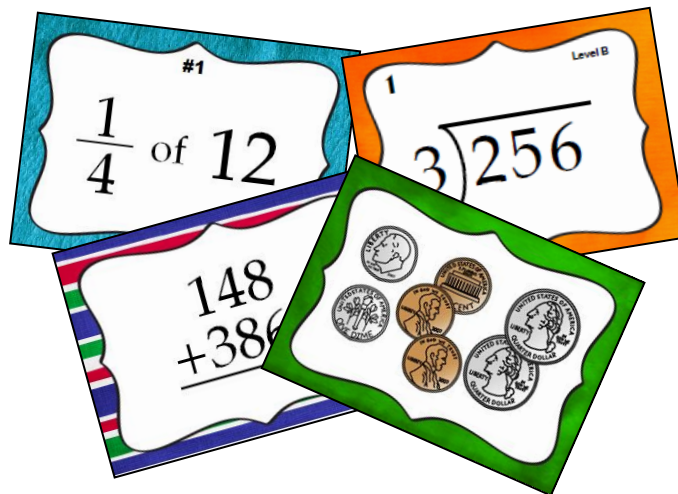




Math Task Card Fun!

Solve 'n Switch

by Laura Candler

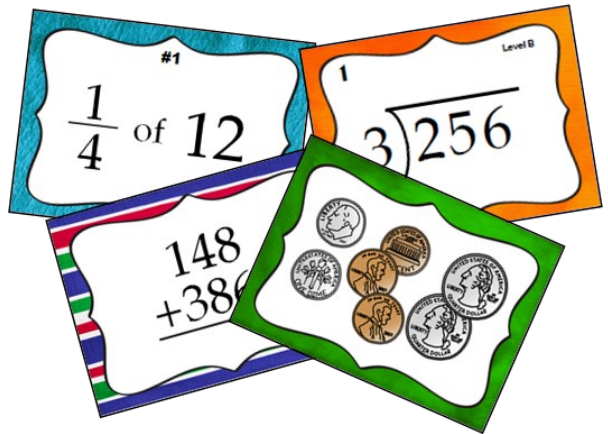


Free!

Solve 'n Switch

Cooperative Learning Activity

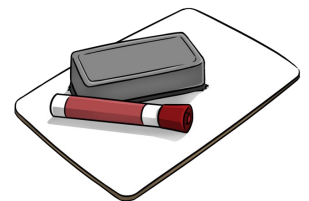
Created by Laura Candler
www.lauracandler.com



Solve 'n Switch is a simple and fun math cooperative learning strategy for partners using a deck of task cards. Basically, students seated in pairs each take a task card, solve the problem, switch task cards, solve the new problem, and then check answers. This packet includes three sets of directions so that you can modify it as needed. This activity is intended for practice and is not meant to be graded. After students play Solve 'n Switch, you can follow up with an independent assignment or quiz.

1. Dry Erase Board Variation

The directions on page 3 are designed for classrooms where each student has an individual dry erase board. This method saves paper, but the disadvantage is that you won't have a record of student work.



2. Recording Form Variation

The directions on page 4 are designed to be used with one of the recording forms in this packet. Which form depends on the amount of space you think students will need to solve each problem. The sections intentionally aren't numbered so the task cards can be done out of order.


Solve 'n Switch		Your Name	Sarah Jameson
Topic <u>Subtraction</u>		Partner's Name	Linda Shelmas
Card # <u>1</u>	$\begin{array}{r} 957 \\ - 232 \\ \hline 725 \end{array}$	Card # <u>2</u>	$\begin{array}{r} 648 \\ - 326 \\ \hline 322 \end{array}$
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	

3. Simplified Directions

The direction on page 5 are simplified directions that you can use for centers or cooperative learning partner work after you have introduced the specific steps to your class.



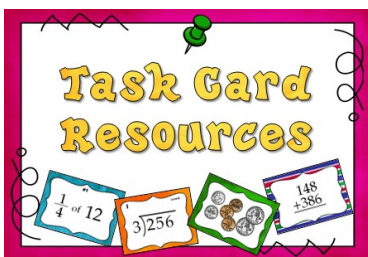
Solve 'n Switch



1. Take a task card from the deck.
2. Solve the problem and record your answer.
3. Switch task cards with your partner.
4. Solve the new problem and record your answer.
5. Check and discuss both answers with your partner.
6. Repeat with new task cards.

Tips for Pairing Students

Instead of allowing students to choose partners, pair students of similar abilities before the activity begins. Pairing students of similar abilities will ensure that students don't become frustrated or bored. You can differentiate instruction by providing the appropriate level of task cards to each pair.



Where to Find Math Task Cards

To find task cards appropriate to use with Solve 'n Switch, check out my [Task Card Resources Pinterest board](https://www.pinterest.com/lauracandler) at www.pinterest.com/lauracandler. Or visit my TpT store and click on the Task Cards link in the sidebar. You can also find many other resources for cooperative learning and task cards on www.lauracandler.com.

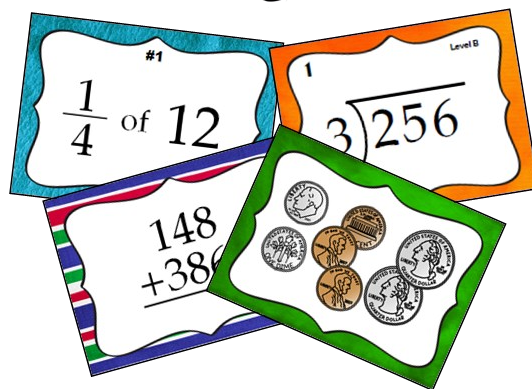
Solve 'n Switch

Partner
Practice



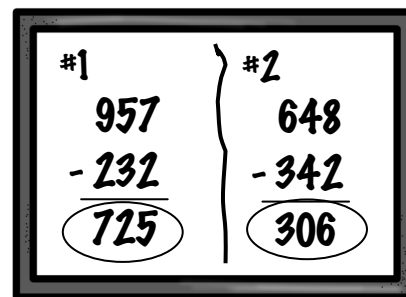
Materials for Two Students

- 2 dry erase boards, markers, erasers
- 1 set of math task cards



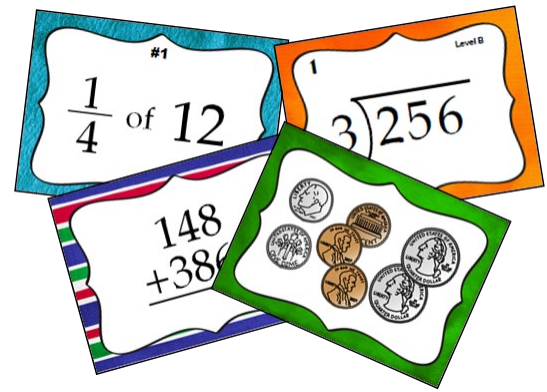
Directions:

1. Sit across from your partner so that your dry erase boards are hidden from each other.
2. Stack the task cards face up between you.
3. Draw a line to divide your dry erase board in half, making a space to solve two problems.
4. Both partners take one task card from the top of the deck. Working simultaneously and without talking, both partners solve that problem on one half of their own dry erase board. Both partners circle the answer when finished, but they don't reveal the answers just yet!
5. Partners trade task cards and solve the other problem.
6. When you are both finished with the second problem, share your answers with your partner. Discuss how you solved each problem and check the answer with a calculator or answer key. Correct any errors before moving on.
7. Erase your boards and repeat the activity until you run out of time or use up all the task cards.



Solve 'n Switch

Partner Practice



Materials for Two Partners

- 2 Solve 'n Switch recording forms
- 1 set of math task cards

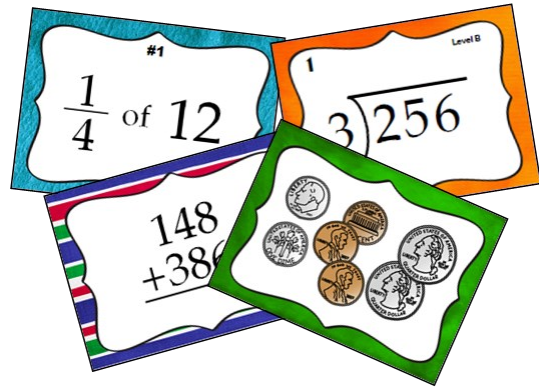
Directions:

1. Each person needs a copy of the Solve 'n Switch Recording Form. Write your name and your partner's name at the top of the form as shown.
2. Sit facing each other or place a barrier between you so you can't see your partner's paper.
3. Stack the task cards face up between you.
4. Both partners take one task card from the top of the deck and write that problem in the top left block on their own recording form. Working simultaneously and without talking, they solve that problem and circle the answer when finished. They don't reveal their answers just yet!
5. Partners trade task cards, record the new problem in the block next to the first one, and solve the second problem.
6. When you are both finished with the second problem, share your answers with your partner. Discuss how you solved each problem and check the answers with a calculator or answer key. Erase and correct any errors. Then circle the checkmark next to the problem if your answer was correct, and cross out the checkmark if it was not correct.
7. Repeat the activity until all blocks on the form are used.

Solve 'n Switch		Your Name _____
Topic _____		Partner's Name _____
Card # _____	Card # _____	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Card # _____	Card # _____	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Card # _____	Card # _____	

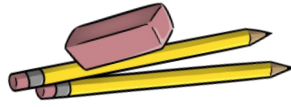
Solve 'n Switch		Your Name <u>Sarah Jameson</u>
Topic <u>Subtraction</u>		Partner's Name <u>Linda Shelmas</u>
Card # <u>1</u>	$\begin{array}{r} 957 \\ - 232 \\ \hline 725 \end{array}$	Card # <u>2</u>
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
		$\begin{array}{r} 648 \\ - 326 \\ \hline 322 \end{array}$

Solve 'n Switch



1. Take a task card from the deck.
2. Solve the problem and record your answer.
3. Switch task cards with your partner.
4. Solve the new problem and record your answer.
5. Check and discuss both answers with your partner.
6. Repeat with new task cards.

Solve 'n Switch



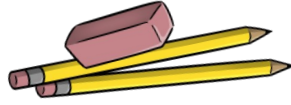
Your Name _____

Topic _____

Partner's Name _____

Card # _____ ✓		Card # _____ ✓	
Card # _____ ✓		Card # _____ ✓	
Card # _____ ✓		Card # _____ ✓	
Card # _____ ✓		Card # _____ ✓	

Solve 'n Switch



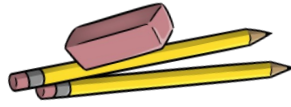
Your Name _____

Topic _____

Partner's Name _____

Card # _____ ✓	Card # _____ ✓
Card # _____ ✓	Card # _____ ✓
Card # _____ ✓	Card # _____ ✓
Card # _____ ✓	Card # _____ ✓
Card # _____ ✓	Card # _____ ✓

Solve 'n Switch



Your Name _____

Topic _____

Partner's Name _____

Card # _____ ✓	Card # _____ ✓
Card # _____ ✓	Card # _____ ✓
Card # _____ ✓	Card # _____ ✓
Card # _____ ✓	Card # _____ ✓
Card # _____ ✓	Card # _____ ✓
Card # _____ ✓	Card # _____ ✓

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