SUIT UP!

Algebraic Reasoning

For grades 3-5; Groups of 2-4

Materials Needed:
The Suit Up! game board
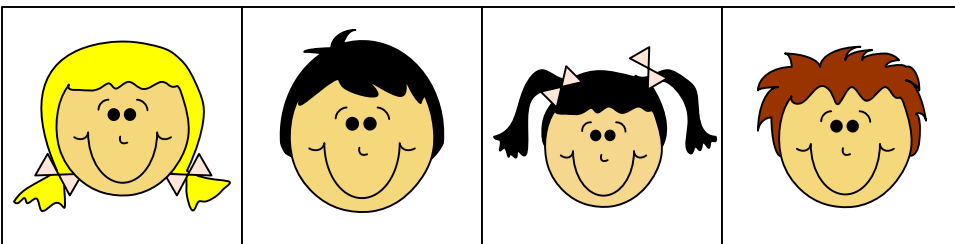Game pieces
Sets of people pieces
1 die

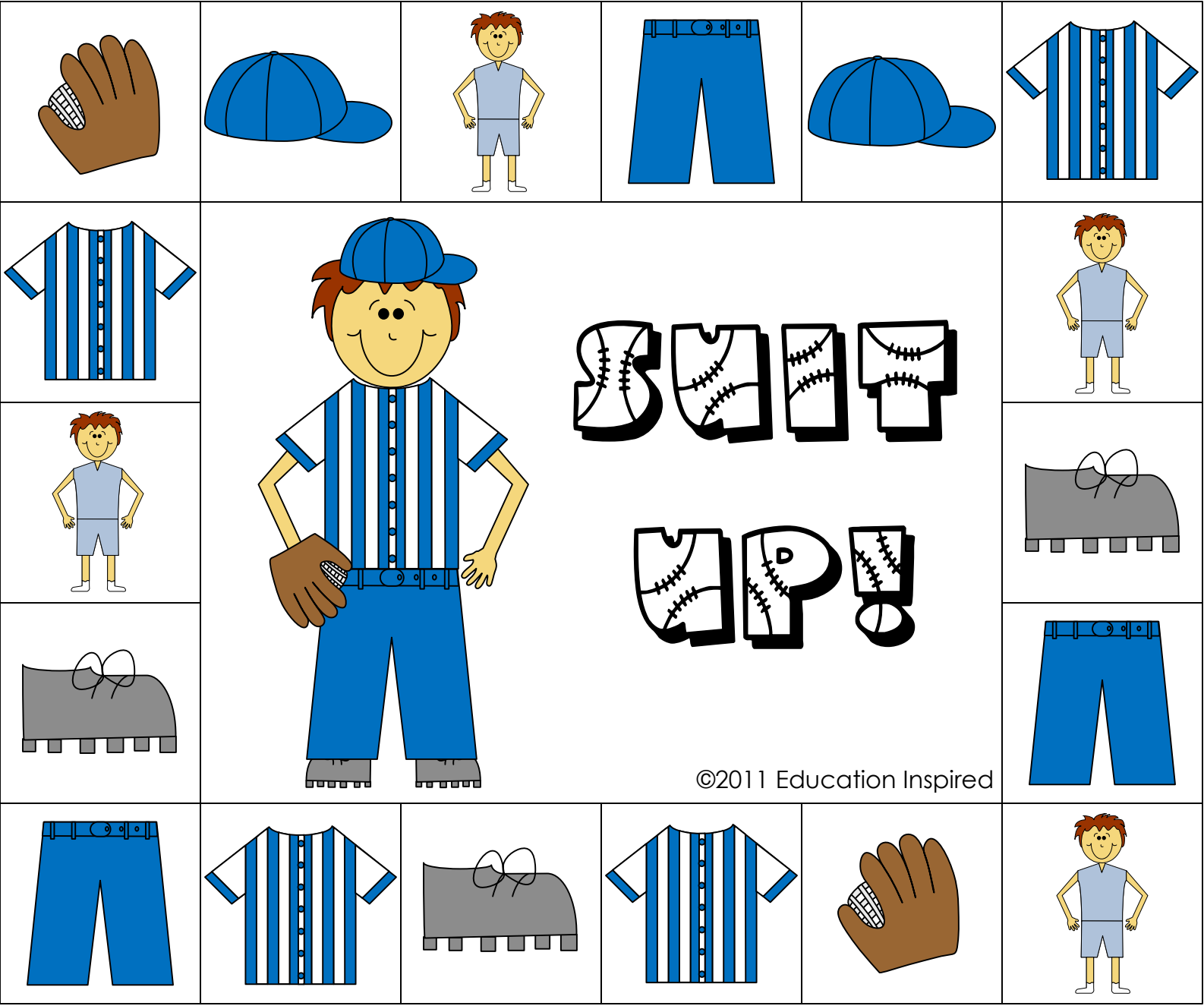How to Construct:
*Print the Game Cards front to back.
1. Laminate the game board onto the front of a manila envelope, and the rules on the back of the envelope. Make sure the envelope is open when it is laminated.
3. Laminate the game pieces and people pieces.
4. Cut out the pieces.
5. Use scissors to slice open the laminate at the opening of the envelope.
6. Store the game pieces in the game board envelope.

How to Play:
1. Remove the title and instructions.
2. Shuffle the cards and place them in the middle of the game board. Place the people pieces beside the cards.
3. Each player may place a chosen marker anywhere desired on the game board.
4. Take turns around the group. Roll a die and move the number of spaces rolled.
5. Pick a card and read it aloud. Answer the question. If the answer is correct, take the piece of person that you landed on if you do not have it and your turn is over. If you already have it your turn is over. If the answer is incorrect, you do not get the piece. If you already have it and the answer is incorrect, you must put it back on the game board.
6. After each turn, return the card back to the bottom of the card stack.
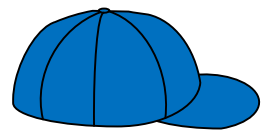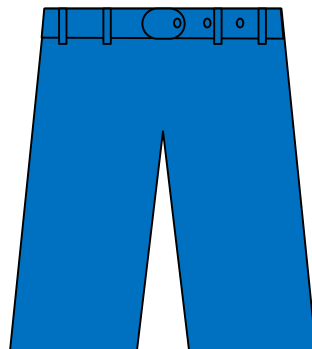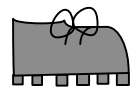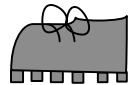7. The first player to get all the people pieces wins.

Game Pieces

SUIT UP!

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People Pieces
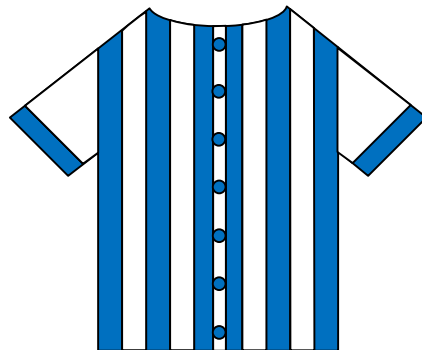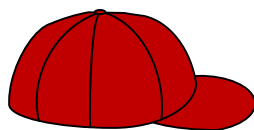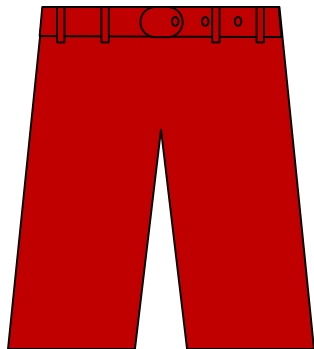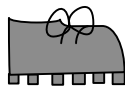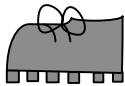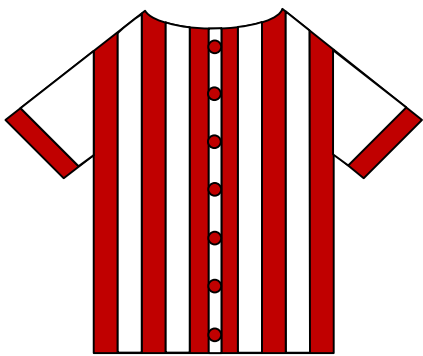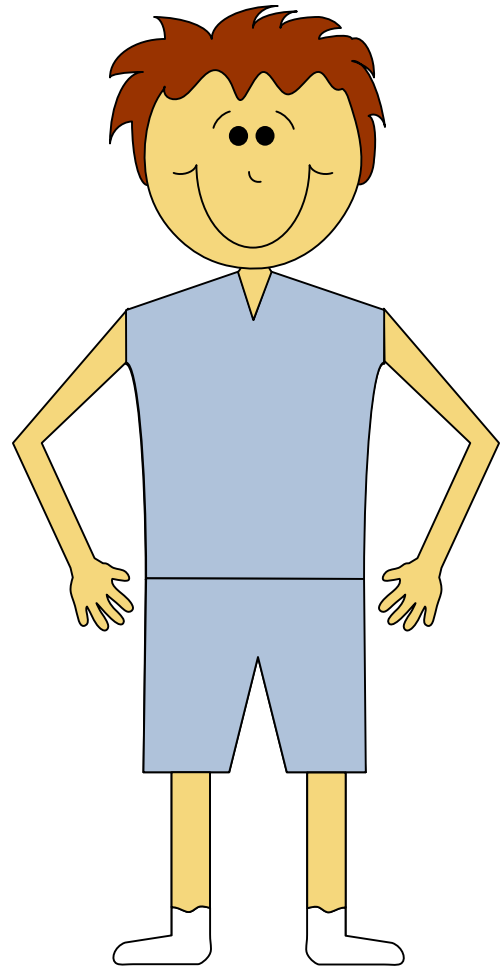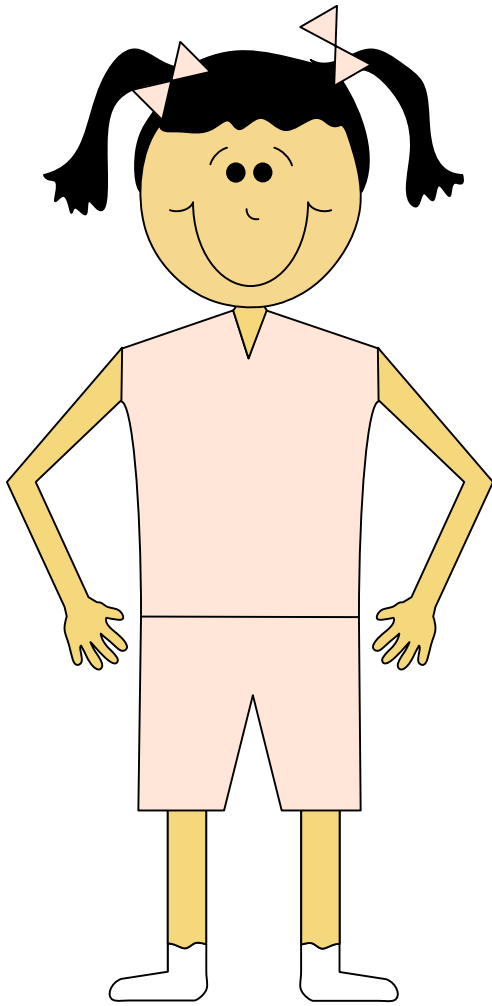
People Pieces
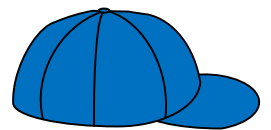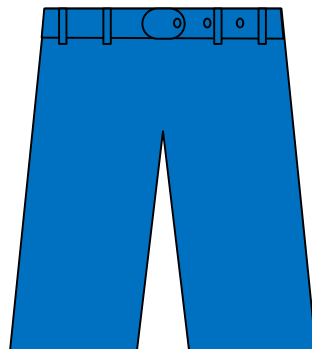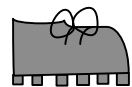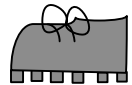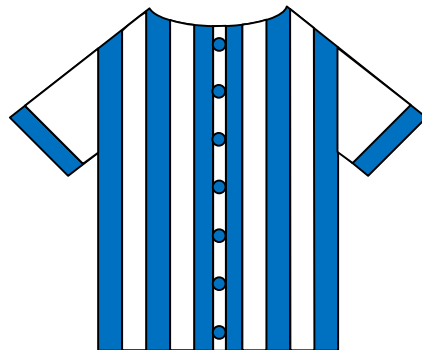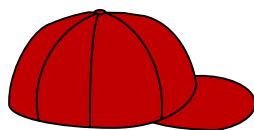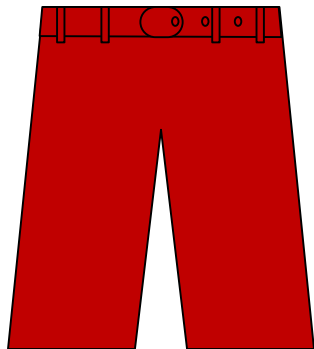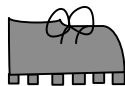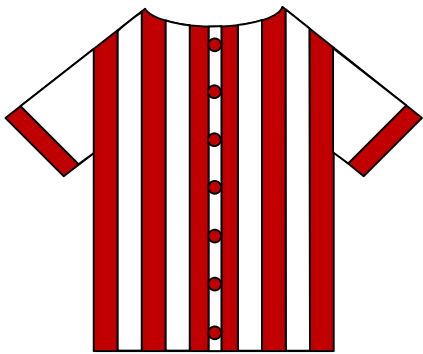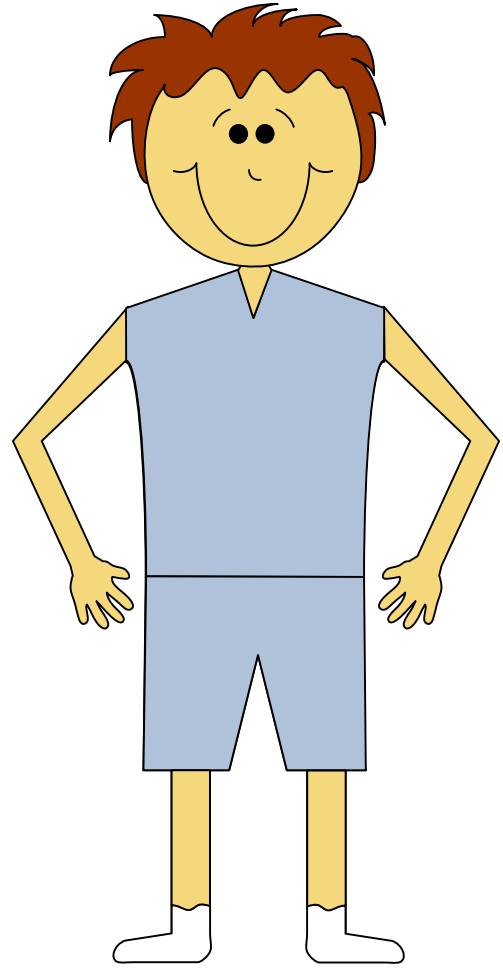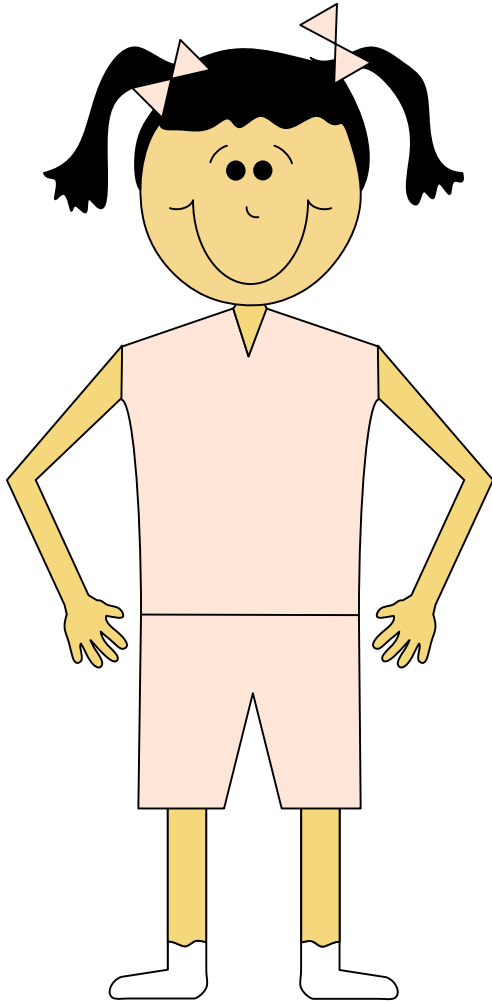
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Teacher Questions to Ask During Play to Guide Learning

1. How can you determine the missing number?
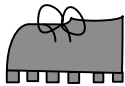2. Are there other possible answers?
3. What are fact families?
4. What are the other members of the fact family for that equation?
5. Tell a story problem that can be solved with that equation.

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$$\square \div 9 = 9$$

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$$\square \div 2 = 7$$

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$$64 \div \square = 8$$

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$$84 \div 7 = \square$$

©2006 Education Inspired 4

$$72 \div \square = 8$$

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81

8   14

9   12

$$40 \div \boxed{} = 8$$

$$63 \div \boxed{} = 7$$

$$16 \div \boxed{} = 8$$

$$24 \div \boxed{} = 8$$

$$\boxed{} \div 7 = 3$$

$$32 \div \boxed{} = 8$$

$$\boxed{} \div 7 = 8$$

$$\boxed{} \div 5 = 7$$

9	5
3	2
4	21
35	56

132 ÷ □ = 11

120 ÷ □ = 12

100 ÷ □ = 10

77 ÷ □ = 7

□ ÷ 4 = 3

□ ÷ 6 = 10

□ ÷ 9 = 2

□ ÷ 12 = 8

10	12
11	10
60	12
96	18