

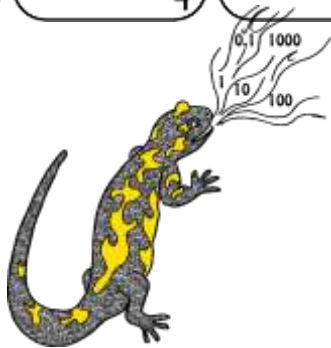
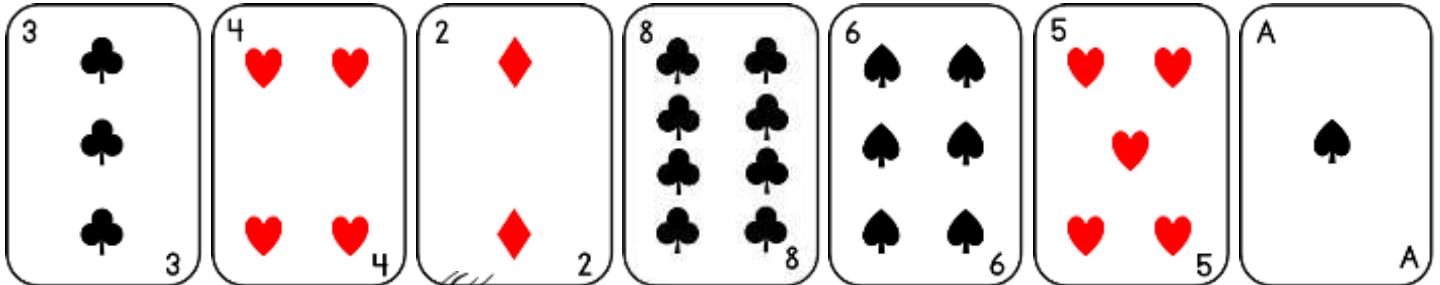
Name

Date



3-CARD TRICK

Flame salamander has chosen 3 cards from the pile below for a card trick.



She says that the cards she has chosen make a total of 12.

Which cards could she have chosen?

Find all possibilities.

What if she had made a total of 15?

Find all possibilities.



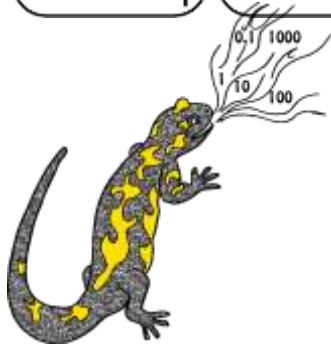
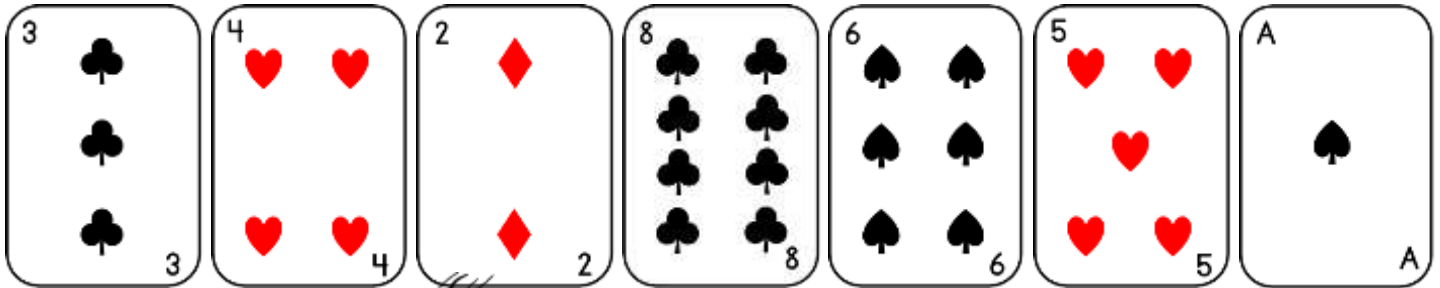
Name

Date



3-CARD TRICK ANSWERS

Flame salamander has chosen 3 cards from the pile below for a card trick.



She says that the cards she has chosen make a total of 12.

Which cards could she have chosen?

Find all possibilities.

$$8 + 3 + 1$$

$$6 + 5 + 1$$

$$6 + 4 + 2$$

$$5 + 4 + 3$$

What if she had made a total of 15?

Find all possibilities.

$$8 + 6 + 1$$

$$8 + 5 + 2$$

$$8 + 4 + 3$$

$$6 + 5 + 4$$

