## Lesson 12. Classwork

Game \#1: BLACK BOX

1. $12 \rightarrow 21$
2. $33 \rightarrow 33$
3. $49 \rightarrow 94$
4. $8 \rightarrow 8$
5. $51 \rightarrow 15$
$6.123 \rightarrow 321$

6. $12 \rightarrow 21$
7. $33 \rightarrow 33$
8. $49 \rightarrow 94$
9. $8 \rightarrow 8$
10. $51 \rightarrow 15$
$6.123 \rightarrow 321$

## 235



1. $4 \rightarrow 8$
2. $10 \rightarrow 20$
3. $11 \rightarrow 33$
4. $5 \rightarrow 15$
5. $7 \rightarrow 21$
6. 1
$\rightarrow$
3

## 12 <br> 

1. $15 \rightarrow 6$
2. $33 \rightarrow 6$
3. $29 \rightarrow 11$
4. $8 \rightarrow 8$
5. $71 \rightarrow 8$
$6.100 \rightarrow 1$
44

## Game \＃2：SET

What is a SET？A SET is a group of three different cards that have something in common． The common characteristic can be color（red，purple or green），shape（oval，squiggle or diamond），number（one，two or three），and shading（solid，striped or outlined）．
Color，shape，shading and number have to be either all the same for all three cards in the set or all different．


Time to play！There are 4 sets here．Find all of them！Cross out the cards that belong to a set in each picture．Same group of 9 cards but different 4 sets．

| 00 | 000 | 0 | 00 | 000 | $\bigcirc$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
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Another group of cards．Find all 6 sets．Same group of 12 cards but different 6 sets．

| 00 | $\dagger$ | 888 | 00 | 1 | 888 |
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| 28 | 賭倉 | 88 | 22 | 算倉 | 38 |
| $\Delta 00$ | 28 | $\Delta>$ | $00\rangle$ | 28 | $\Delta 0$ |
| 8 | 000 | \％ | 8 | 000 |  |


| 00 | $\dagger$ | 888 |
| :---: | :---: | :---: |
| 28 | 10 ${ }^{1}$ | 88 |
| 000 | 22 | 00 |
| 8 | 000 | ${ }^{\text {S }}$ |


| 00 | 1 | 888 |
| :---: | :---: | :---: |
| 28 |  | 88 |
| $\Delta \Delta\rangle$ | 28 | $\Delta>$ |
| 8 | 000 | ）${ }_{\text {S }}$ |


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