## 

（1）Multiply．
（a）

| 50 |
| ---: |
| $\times 55$ |

（b）

（c）

（d）

（2）The snail moves 1 m in 15 minutes．If the snail keeps moving at the same speed，how many minutes will it take the snail to move 46 m ？ Number Sentence $\qquad$
Answer minutes

（3）Jessica and Cathy sold candy to raise funds．A bag is filled with 25 pieces of candy．They sold 32 bags of candy．How many pieces of candy did they sell？

Number Sentence $\qquad$
Answer $\qquad$ pieces of candy

（4）A log that is 40 cm long is cut into two pieces．One of the pieces is 10 cm longer than the other one．Answer the questions．

（a）How long is the original log？
（b）If the original $\log$ is cut into two equal pieces， how long would each piece be？
（c）What is the length of each piece of log？
（5）Draw the figure that would be the result of rotating the given figure in the direction of the arrow．

（6）Find the pattern of the paired numbers and write each rule．Then find the missing numbers．
（a）

（b）

| 7 | 4 | 11 |
| :---: | :---: | :---: |
| 10 | 7 | 14 |
| 13 | 10 | 17 |
| 16 | 13 |  |
|  | 17 |  |

（7）Find the number pattern，and then write＂Yes＂or＂No＂to show if the set of numbers fits the pattern．Then use A，B，C，and number operations to show the number relationship．

| A | B | C | Decision |
| :---: | :---: | :---: | :---: |
| 5 | 7 | 12 | （ Yes ） |
| 7 | 6 | 13 | （ Yes ） |
| 9 | 8 | 16 | （ No ） |
| 11 | 10 | 21 | （ ） |
| 13 | 9 | 22 | （ Yes ） |

Rule： $\qquad$
（8）Use A，B，C to find the number pattern．Write the missing number．

| $\mathbf{A}$ | $\mathbf{B}$ | $\mathbf{C}$ | Decision |  |
| :---: | :---: | :---: | :---: | :---: |
| 3 | 5 | 8 | （ Yes ） |  |
| 6 | 9 | 15 | $\left(\begin{array}{l}\text { Yes }\end{array}\right.$ |  |
| 9 | 7 | 16 | （ Yes ） |  |
| 12 | 4 | 17 | （ No ） |  |
| 15 | 9 | （ $)$ | （ Yes ） |  |

