※ You can receive 1.5 points each for problems number 1 to 30.

In problems 1-26, calculate the answer.

**1.**

$$\begin{array}{r} 85 \\ +\ 42 \\ \hline \end{array}$$

**2.**

$$\begin{array}{r} 57 \\ +\ 76 \\ \hline \end{array}$$

**3.**

$$\begin{array}{r} 398 \\ +\ 69 \\ \hline \end{array}$$

**4.**

$$\begin{array}{r} 283 \\ +\ 115 \\ \hline \end{array}$$

**5.**

$$\begin{array}{r} 277 \\ +\ 624 \\ \hline \end{array}$$

**6.**

$$\begin{array}{r} 548 \\ +\ 752 \\ \hline \end{array}$$

**7.**

$$\begin{array}{r} 4\ 3 \\ -\quad 7 \\ \hline \end{array}$$

**8.**

$$\begin{array}{r} 6\ 5 \\ -\ 4\ 7 \\ \hline \end{array}$$

**9.**

$$\begin{array}{r} 8\ 1 \\ -\ 4\ 5 \\ \hline \end{array}$$

**10.**

$$\begin{array}{r} 9\ 6 \\ -\ 7\ 7 \\ \hline \end{array}$$

**11.** $15-6-3=$

**12.** $34-7-9=$

**13.** $47 + 35 - 28 =$

**14.** $87 - 9 - 29 =$

**15.**
$$\begin{array}{r} 4\ 8\ 7 \\ -\ 3\ 6\ 1 \\ \hline \end{array}$$

**16.**
$$\begin{array}{r} 3\ 6\ 2 \\ -\ 1\ 4\ 7 \\ \hline \end{array}$$

**17.**
$$\begin{array}{r} 7\ 3\ 4 \\ -\ 3\ 3\ 8 \\ \hline \end{array}$$

**18.**
$$\begin{array}{r} 6\ 6\ 3 \\ -\ 5\ 7\ 6 \\ \hline \end{array}$$

**19.**

$$\begin{array}{r} 5\,0\,4\,1 \\ -\;\;2\,4\,6\,8 \\ \hline \end{array}$$

**20.**

$$\begin{array}{r} 4\,5 \\ \times\;\;\;5 \\ \hline \end{array}$$

**21.**

$$\begin{array}{r} 6\,4 \\ \times\;\;\;9 \\ \hline \end{array}$$

**22.**

$$\begin{array}{r} 7\,6 \\ \times\;\;\;8 \\ \hline \end{array}$$

**23.**

$$\begin{array}{r} 9\,7 \\ \times\;\;\;9 \\ \hline \end{array}$$

**24.**

$$\begin{array}{r} 2\,4\,3 \\ \times\;\;\;\;6 \\ \hline \end{array}$$

**25.**

$$\begin{array}{r} 5\ 8 \\ \times\ \ 2\ 7 \\ \hline \end{array}$$

**26.**

$$\begin{array}{r} 5\ 2\ 7 \\ \times\ \ \ 6\ 2 \\ \hline \end{array}$$

In problems 27-30, solve the problem and put "R" between the quotient and the remainder. (For example, if the quotient is 5 and the remainder is 3, then the answer is 5R3).

**27.** $53 \div 7 =$

**28.** $9\overline{)78}$

**29.** $42\overline{)367}$

**30.** $37\overline{)941}$

※ You can receive 2.0 points each for problems number 31 to 40.

**31.** Ann has 23 pieces of pink paper and 38 pieces of yellow paper. How many pieces of paper does Ann have altogether?

_____ pieces of paper

**32.** Bill's family visited a beach. Bill picked up 107 shells yesterday and 135 shells today. In total, how many shells has Bill picked up?

_____ shells

**33.** Angela has 21 pieces of candy. She gave 12 pieces of them to her brother. How many pieces of candy does Angela have left?

_____ pieces of candy

**34.** Fred has red tape and blue tape. The red tape is 323 cm long and the blue tape is 237 cm long. How much longer is the red tape than the blue tape?

_____ cm

**35.** Taylor picked 110 cherries on his farm. He ate 13 cherries and gave 32 cherries to Nancy. How many cherries does Taylor have left?

_____ cherries

**36.** A gymnastics instructor sent 4 students to get 25 tennis balls each. How many tennis balls did the 4 students bring altogether?

_____ tennis balls

**37.** Sally is packing pencils into boxes. If 24 pencils are put into each box, how many pencils are needed to make 25 boxes?

_____ pencils

**38.** Some cars need new tires. Each car needs a set of $4$ tires. A tire shop has $84$ tires. How many cars can have a new set of tires?

_____ cars

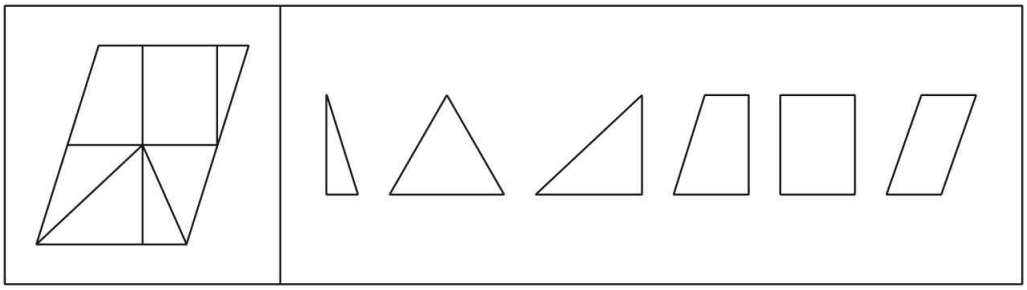
**39.** Tommy collected $154$ bottles for recycling last month. If $7$ bottles can be packed into one box, how many boxes would be needed to pack all the bottles?

_____ boxes

**40.** In Mina's gift shop, each gift box is wrapped with $25\ \text{cm}$ of ribbon. If she has $230\ \text{cm}$ of ribbon, how many boxes can be wrapped?

_____ boxes

**41.** When the big shape in the left box is cut along the lines, smaller shapes will be made. How many shapes in the right box will not be made when you cut the big shape? [2.3 points]

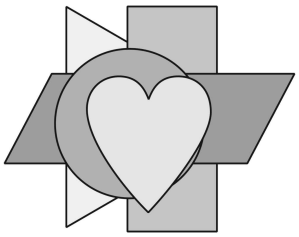


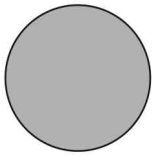
Answer : _____

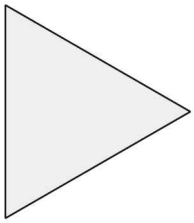
**42.** In this pattern, you count up by 9 each step. What is the sum of A and B? [2.3 points]

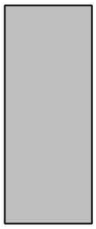

Answer : _____

**43.** You have placed five shapes on top of each other. Which shape is the second one from the bottom? [3.3 points]



① 

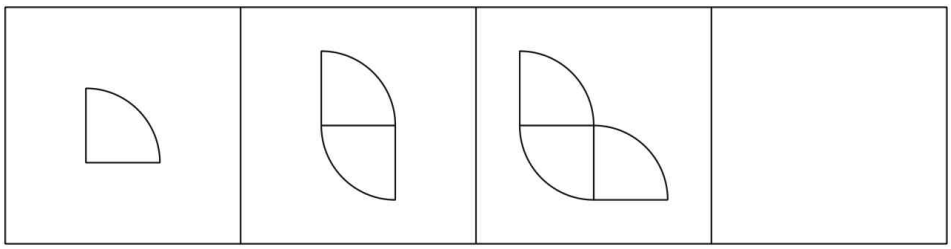
② 

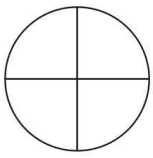
③ 

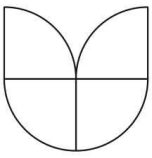
④ 

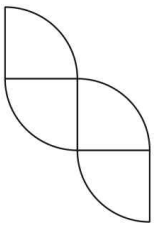
Answer : _____

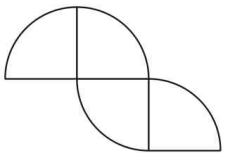
**44.** See the pattern of the figures below. Which figure belongs in the fourth box? [3.3 points]



① 

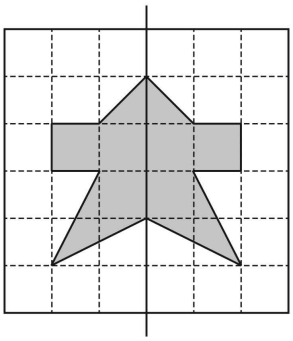
② 

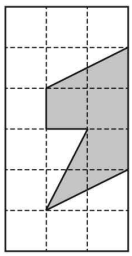
③ 

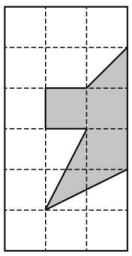
④ 

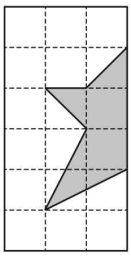
Answer : _____

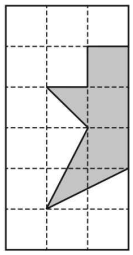
**45.** When the figure below is folded in half, which of the following figures do you get? [3.3 points]



① 

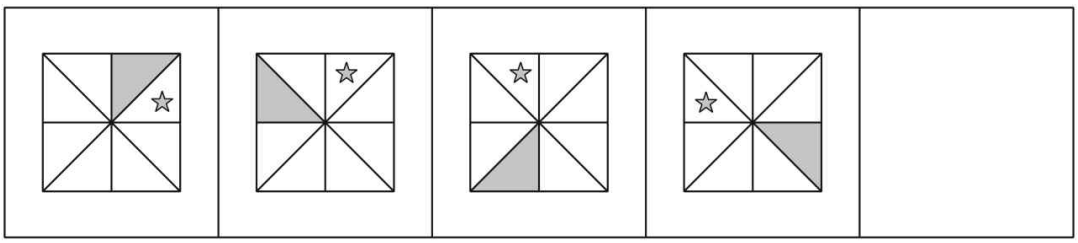
② 

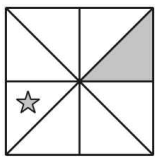
③ 

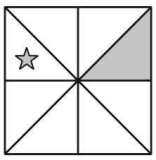
④ 

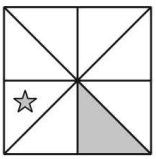
Answer : _____

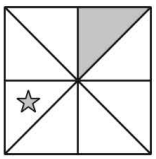
**46.** The following figures are arranged in a certain pattern. Which of the following figures fits the pattern? [3.3 points]



① 

② 

③ 

④ 

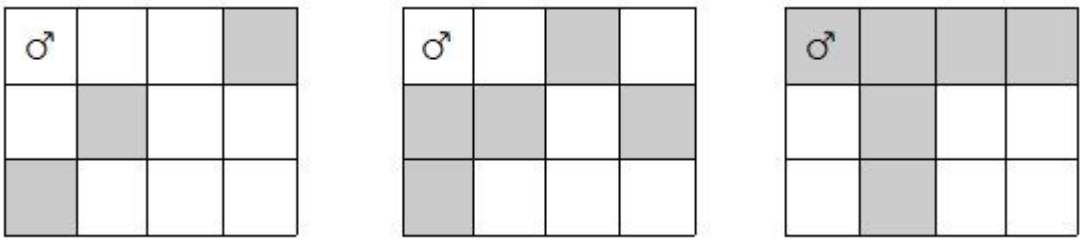
Answer : _____

**47.** In the calendar below, what date is the second Monday? [4.3 points]

| Sun | Mon | Tue | Wed | Thur | Fri | Sat |
|---|---|---|---|---|---|---|
| | | | | | | 12 |
| | | | | | | 19 |
| | | | | | 25 | 26 |
| | | | | | | |

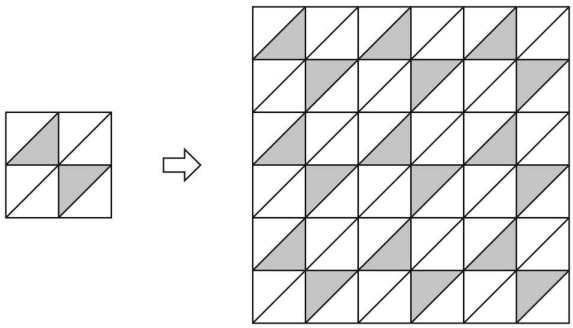
Answer : _____

**48.** There are three transparent papers colored below. You are going to combine these transparent papers with the three ♂ overlapped. How many squares will be colored? [4.3 points]

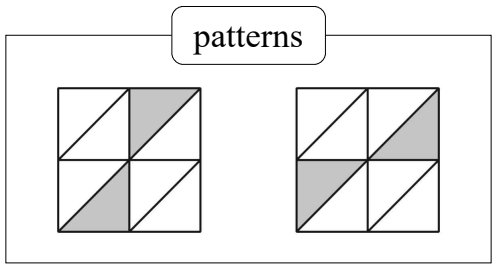



Answer : _____

**49.** The big picture on the right is made by repeating the pattern on the left.



There are two patterns in the box below. How many times total do these patterns appear in the big picture? [4.3 points]




Answer : _____

**50.** You want to make 2-digit numbers whose digit in the tens place is greater than the ones place. How many 2-digit numbers can you make using the following number cards? [4.3 points]


Answer : _____