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

In 1-2, add all the digits after solving each question. (For example, if the answer is 209, then write down as $2+0+9=11$.)

1.

$$\begin{array}{r} 68 \\ \times\ 79 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 596 \\ \times\ 38 \\ \hline \end{array}$$

In 3-19, add the quotient and the remainder after solving each question. (For example, if the quotient is 5 and the remainder is 0, then the answer is $5+0=5$. If the quotient is 12 and the remainder is 8, then the answer is $12+8=20$.)

3.

$3\overline{)68}$

4.

$4\overline{)77}$

5.

$5\overline{)63}$

6.

$7\overline{)90}$

7.

$6\overline{)539}$

8.

$8\overline{)847}$

9.

$3\overline{)446}$

10.

$7\overline{)4209}$

11.

$58\overline{)418}$

12.

$34\overline{)882}$

13.

$35\overline{)762}$

14.

$63\overline{)509}$

15.

$62\overline{)560}$

16.

$39\overline{)8120}$

17.

$43\overline{)7345}$

18.

$63\overline{)2458}$

19.

$$89\overline{)\,6\ 3\ 6\ 6\ 5}$$

In 20-23, add all the digits after solving each question. (For example, if the answer is 2508, then write down as $2+5+0+8=15$.)

20. $60-56\div 7+3\times 11$

21. $(56\div(4+4)-6)\times 17$

22. $75-192\div((11-3)\times 4)$

23. $(30+6)\div 4+5\times 7$

In 24-26, write the numerator after solving each question as the mixed number. (For example, if the answer is $2\frac{13}{8}$, make $3\frac{5}{8}$ and write as 5.)

24. $6\frac{2}{15}+2\frac{7}{15}+2\frac{13}{15}$

25. $8\frac{1}{5}-\left(4\frac{3}{5}+2\frac{4}{5}\right)$

26. $6+4\frac{1}{13}-2\frac{6}{13}$

In 27-28, write the decimal part after solving each question. (For example, if the answer is 18.2 or 18.20, then write as 2. If the answer is 2.54 or 2.054, then write as 54.)

27.
$$\begin{array}{r} 7.69 \\ +\ 1.826 \\ \hline \end{array}$$

28.
$$\begin{array}{r} 5.6 \\ -\ 3.762 \\ \hline \end{array}$$

In 29-30, add the numerator and the denominator after solving each question as the simplest form. (For example, if the answer is $\frac{2}{3}$, then write as $2+3=5$.)

29. $\frac{39}{52}$

30. $\frac{84}{98}$

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

31. There are 26 apples in each box. The store sold 32 boxes. How many apples were sold?

_____ apples

32. John has 67cm long of ribbon. It takes 6cm of ribbon to make one bow. If he makes as many bows as possible, how many centimeters of ribbon will be left?

_____ cm

33. There are 889 apples to equally divided into 7 crates. How many apples should be put into each crate?

_____ apples

34. Lindsey and her father picked 627 apples from their orchard. They packed 64 apples in each box. If they packed as many boxes as possible, how many apples were left?

_____ apples

35. A basket holds $4\text{kg}\ 782\text{g}$ of salt. If the salt is packaged into 52g bags, how many bags can be made?

_____ bags

36. Two boxes of Size B can fit in 1 box of Size A, 3 boxes of Size C can fit in 1 box of Size B, and 6 boxes of Size D can fit in 1 box of Size C. How many boxes of Size D would fit in 3 boxes of Size A?

_____ boxes

37. Danny, Jennifer, and Sam went on separate trips during Spring Break. Danny's trip was 1 days 2 hours 25 minutes long, Jennifer's was 14 hours 20 minutes long, and Sam's was 900 minutes long. Whose trip was the shortest? Convert the time into minutes.

_____ minutes

38. Helena has a rectangular flower garden in her front yard with a perimeter of 22m. If the length of the flower garden is 7m, what is the width?

_____ m

39. John is going to place some squares of colored paper onto 18cm by 12cm rectangle. How long are the sides of the largest square that John could use to fill the rectangle completely?

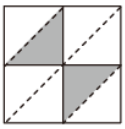
_____ cm

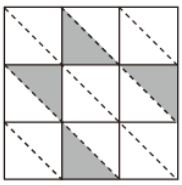
40. By using the cards below, create fractions that can be simplified with factors of 17 and 19. Then write the card's number that will not be used.

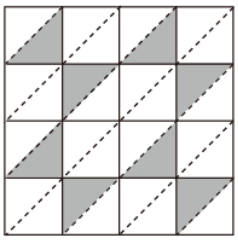
17	19	34	38	51	57	58

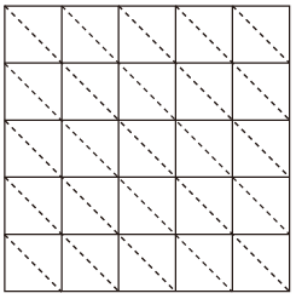
_____

41. How many shaped-triangles () are there in D when you follow the pattern? [2.3 points]

A 

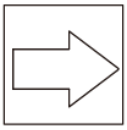
B 

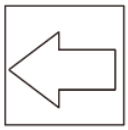
C 

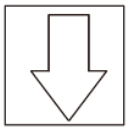
D 

Answer : _____

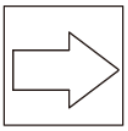
42. Find the card that would be the result of rotating the picture a quarter turn to the left (). [2.3 points]



① 

② 

③ 

④ 

Answer : _____

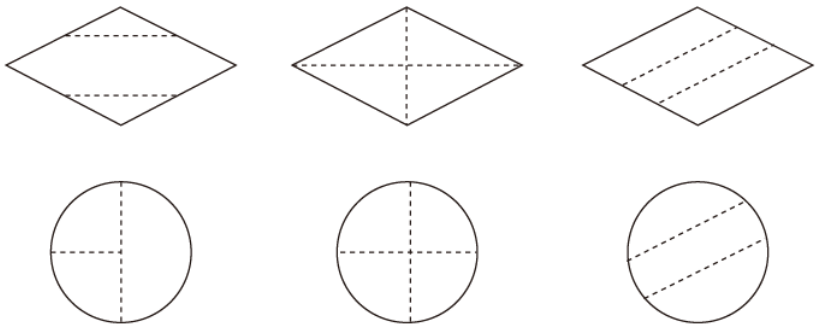
43. Look at the calendar below. Write the date of the third Wednesday.

[3.3 points]

Sun	Mon	Tue	Wed	Thr	Fri	Sat
			1	2	3	4
5	6					

Answer : _____

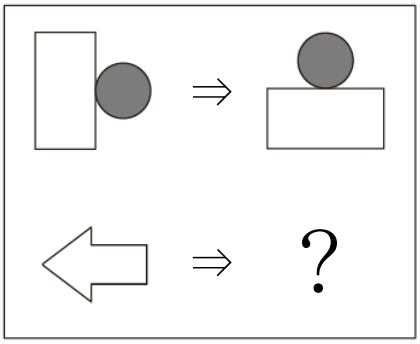
44. How many figures below will produce 3 or 4 parts that are the same size and shape when cut along the dotted lines? [3.3 points]

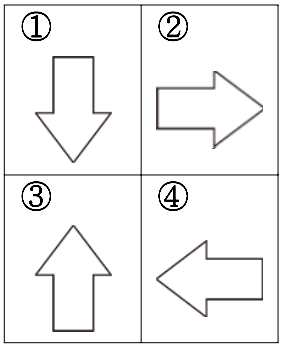


Answer : _____ figures

45. Look at the related figures and find the one that belongs in the '?'.

[3.3 points]



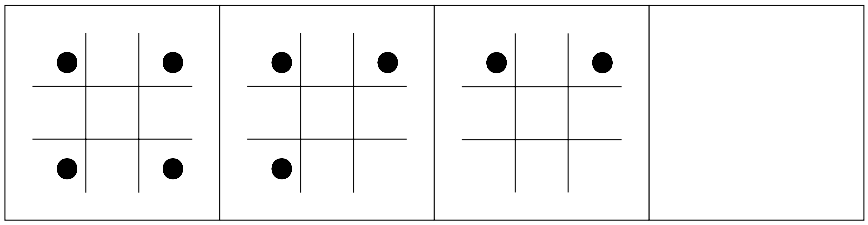


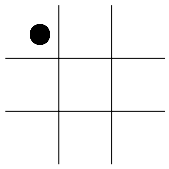
Answer : _____

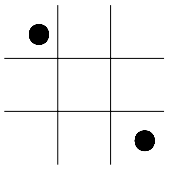
46. The cost of 2 pears 2 apples is $26. The cost of 4 pears 3 apples is $46. Find the cost of 1 pear. [3.3 points]

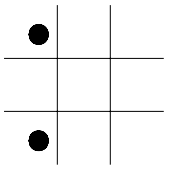
Answer : $_____

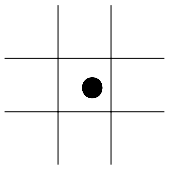
47. Look at the related figures and write the number of the figure that belongs in the blank space. [4.3 points]



① 

② 

③ 

④ 

Answer : _____

48. How many numbers are there from 20 to 60 that have a tens digit that is less than their ones digit? [4.3 points]

Answer : _____numbers

49. Where would you place the mirror in order to see the number 10880? [4.3 points]

① 

② 

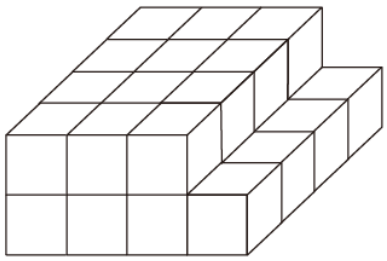
③ 

④ 

Answer : _____

50. A wooden block is painted, including the bottom. Then it is cut into pieces by the lines as below. How many pieces have 2 painted faces?

[4.3 points]



Answer : _____ pieces