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

In 1-6, add all the digits after solving each question. (For example, if the answer is 209, then write down as $2+0+9=11$.)

1.
$$\begin{array}{r} 87 \\ \times\ \ 3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 74 \\ \times\ \ 6 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 39 \\ \times\ 85 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 64 \\ \times\ 59 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 763 \\ \times\ \ \ 43 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 286 \\ \times\ 375 \\ \hline \end{array}$$

In 7-23, 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 $12+8=20$.)

7.

$4\overline{)32}$

8.

$2\overline{)48}$

9.

$5\overline{)85}$

10.

$6\overline{)72}$

11.

$8\overline{)96}$

12.

$3\overline{)82}$

13.

$5\overline{)78}$

14.

$7\overline{)88}$

15.

$6\overline{)76}$

16.

$8\overline{)92}$

17.

$4\overline{)78}$

18.

$3\overline{)708}$

19.

$7\overline{)894}$

20.

$4\overline{)1874}$

21.

$29\overline{)501}$

22.

$16\overline{)461}$

23.

$34\overline{)911}$

In 24-26, calculate.

24. $8+12\times6-64\div4$

25. $30-24\div 8+6\times 9$

26. $70\div(2\times(11-9)+6)$

In 27-28, 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.)

27. $3\frac{5}{11}+6\frac{7}{11}$

28. $6\frac{4}{7}-2\frac{5}{7}$

In 29-30, 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.)

29.
$$\begin{array}{r} 4.57 \\ +\ 6.8 \\ \hline \end{array}$$

30.
$$\begin{array}{r} 8.2 \\ -\ 5.67 \\ \hline \end{array}$$

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

31. Charlotte and her family went to the beach to collect clams. Each basket has 34 clams. The family has 6 baskets. How many clams are there?

_____ clams

32. Coach Young gave 35 bags filled with candy to students on the track team. If he put 25 pieces in each bag, how many pieces of candy did he give away altogether?

_____ pieces of candy

33. 18 stuffed animals need to be equally put into a number of boxes. If you were to place 4 stuffed animals into each box, how many stuffed animals will be left out? (You must use as many boxes as possible.)

_____ stuffed animal(s)

34. David has 72 boxes of apples. He divides the boxes evenly between 2 trucks. How many boxes does he have to put on each truck?

_____ boxes

35. Seven dozen pencils need to be equally divided among 8 people. If you were to give as many pencils as possible to each person, how many pencils will be left?

_____ pencils

36. Susan is cutting out paper stars. She can cut 4 stars out of one sheet of paper. How many sheet of paper will she need to make 999 stars?

_____ sheet of paper

37. A roll of ribbon is 229cm long. It takes 28cm of ribbon to wrap one box. How many boxes can be wrapped with the roll of ribbon?

_____ boxes

38. Brian's mother went to the supermarket to get 900mL of soy sauce and $1\text{L}\ 250\text{mL}$ of cooking oil. How much more cooking oil than soy sauce did she get?

_____ mL

39. Damien studied for $4\frac{1}{7}$ hours yesterday and $2\frac{4}{7}$ hours today. How much longer did Damien study yesterday than today? (Write down the sum of denominator and numerator of mixed number. For example, if the answer is $4\frac{2}{3}$, write down as $3+2=5$.)

_____

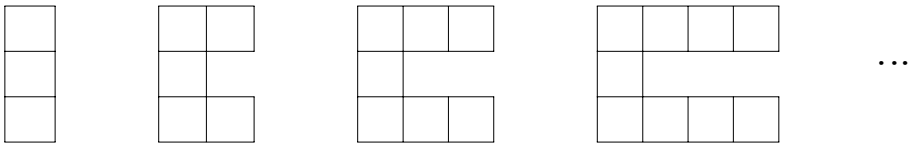
40. A bag contains four colors of marbles. There are 48 red marbles, 3 blue marbles and an equal number of yellow and green marbles. The number of red marbles is the same as the product of all the other marbles. How many yellow marbles are in the bag?

_____ yellow marbles

41. The picture below follows an increasing pattern, and the figure numbers indicate the order. How many squares(□) would there be in figure 7.

[2.3 points]

1 2 3 4

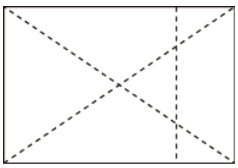


…

Answer : _____

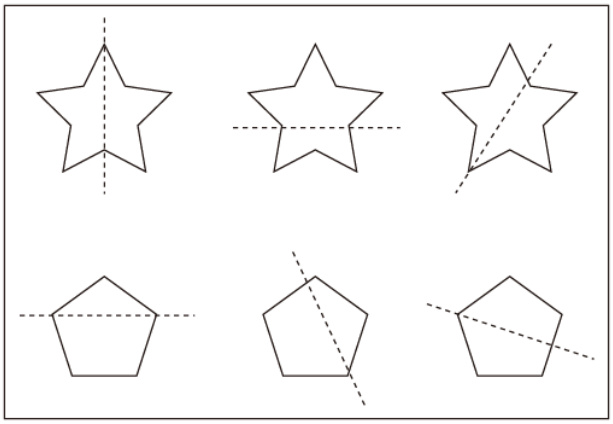
42. How many triangels would be made when the dotted line are cut?

[2.3 points]



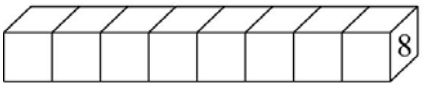
Answer : _____ triangels

43. How many figures below will produce 2 parts that are the same size and shape when cut along the dotted line? [3.3 points]



Answer : _____ figures

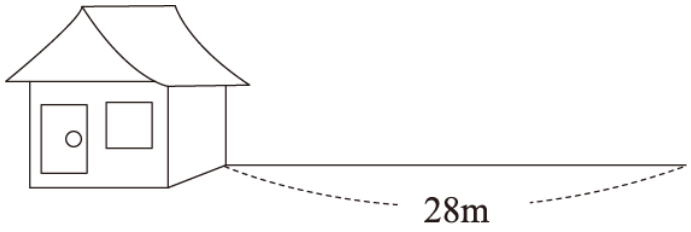
44. Use 2 different colored blocks to make block length below. Write the numbers of blocks needed in the blank box. [3.3 points]



→ 3 and ☐

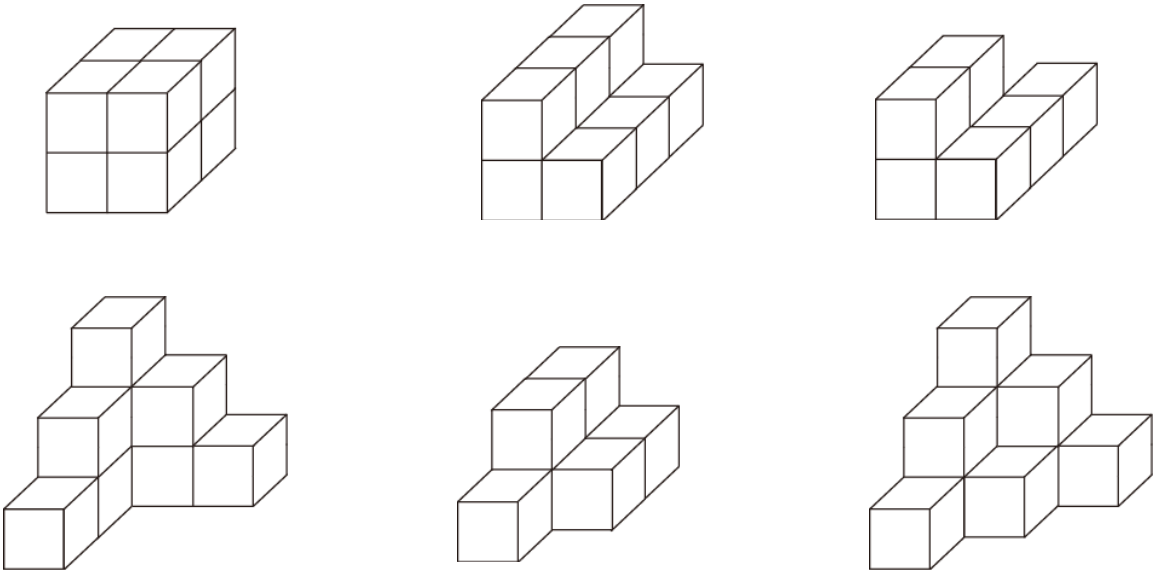
Answer : _____

45. Trees are planted in a 28m line starting from the house. The trees are to be 4m apart. How many trees will be needed?(The first tree will be planted 4m away from the house.) [3.3 points]



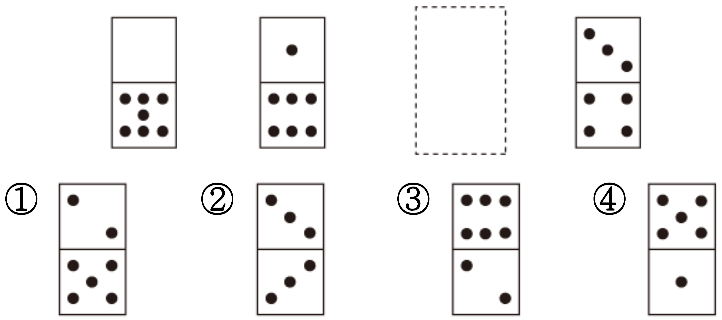
Answer : _____ trees

46. How many set(s) of blocks below are made from the same number of blocks? [3.3 points]



Answer : _____set(s) of blocks

47. Find the domino in the blank below that completes the pattern. [4.3 points]

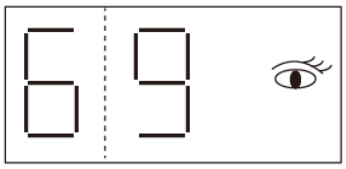


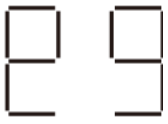
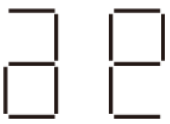
Answer : _____

48. Consider the number from 150 to 250. How many of them have same value when read forwards or backwards? [4.3 points]

Answer : _____

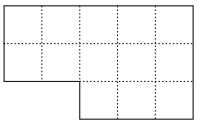
49. Find the figure you would see if a mirror were placed on the dotted line? [4.3 points]



① 
② 
③ 
④ 
⑤ 
⑥ 

Answer : _____

50. How many groups of 4 squares () in the figure below? [4.3 points]



Answer : _____ groups of 4 squares