

X1 score

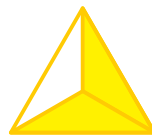
1

Three times of six plus four times of six is ( 42 ).

X2 score

2

Of the figures below, ( 3 ) have  $\frac{2}{3}$  shaded in.



X3 score

3

$$2,253 + 1,154 + 333 = A$$

The number in the tens place of A is ( 4 ).

X4 score

4

There are 56 apples. If you can put 8 apples in a box, how many boxes will you need to pack all the apples? ( 7 )



X5 score


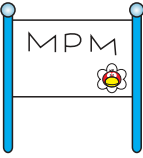
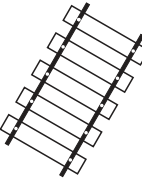


5

- Which of the following is shorter than 1 m? ( A )
- (A) A toilet plunger (B) Height of a door (C) Length of a bus  
(D) Dad's height (E) Length of a 2-seat sofa

X6 score

6

Which picture has no parallel lines? ( D )

- (A)  (B)  (C) 
- (D)  (E) 

X7 score

7

What's **wrong** about the number 5,714? ( E )

- (A) It reads as "five thousand, seven hundred and fourteen".  
(B) It's made of 5 thousands, 7 hundreds, 1 ten, and 4 ones.  
(C) The number in the hundreds place is 7.  
(D) The sum of the digit in the ones place and the digit in the tens place is equal to the digit in the thousands place.  
(E) It's 100 more than 5,814.



More questions are on the next page.

X8 score

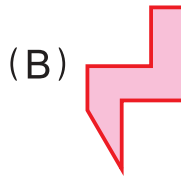
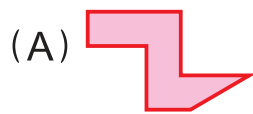
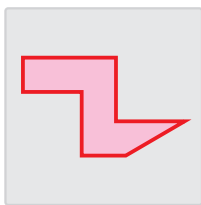
8

Which sign is symmetrical? ( E )

(A) Ⓢ (B) € (C) # (D) °C (E) ¥

X9 score

9

Which figure is **NOT** the same as the one on the left? ( C )

X10 score

10

The difference between the smallest 2-digit odd number and the largest 3-digit even number is ( 987 ).

X11 score

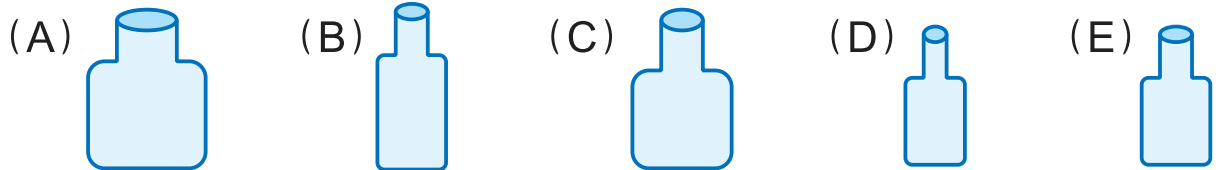
11

25 100, 12 10 and 6 1 is ( 2,626 ) dollars.

X12 score

12

Each bottle is filled with water. The smallest bottle can be filled with 8 cups of water. After pouring 2 cups of water out of each bottle, which bottle has the lowest water height? ( D )



X13 score

13

Eva is heavier than Sam, Sam is heavier than Lucy, and Lucy is lighter than Sylvia. Who's the lightest of them all? ( Lucy )

X14 score

14

Find the right numbers by looking at the pattern :

3	3	5	10	7	21	9	A	11	33	C	26	15	30
	1		2		3		1		B		2		2

A = ( 9 )

B = ( 3 )

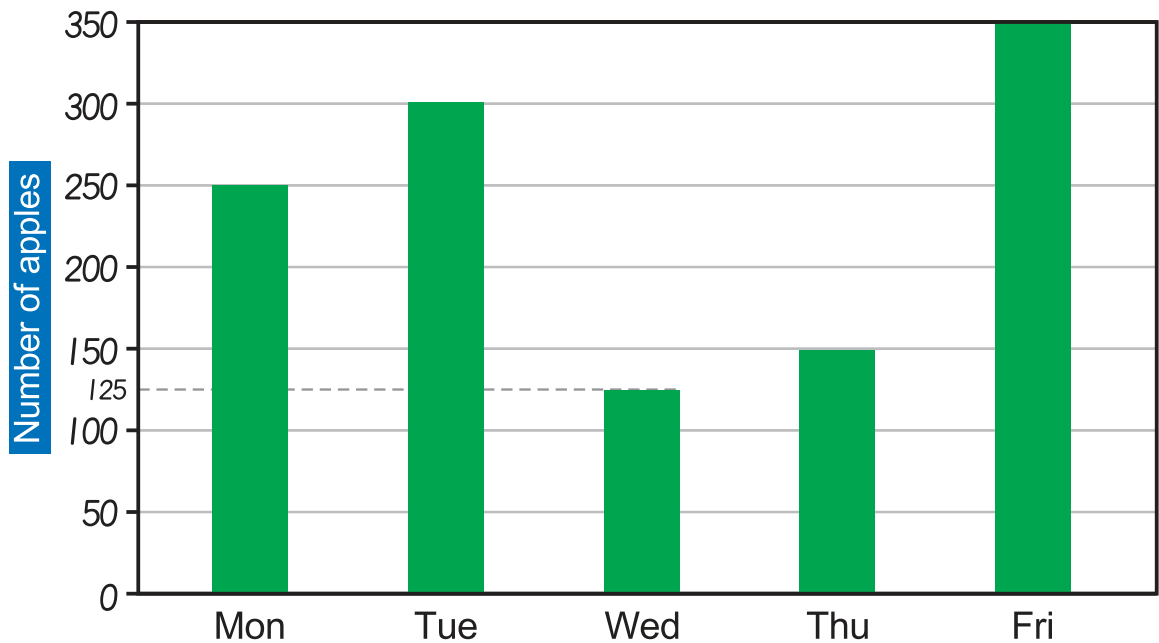
C = ( 13 )



More questions are on the next page.

This bar graph shows the number of apples Mr. Wang picked from Monday to Friday.

Please use it to answer **15** ~ **16** :



X15 score

15

One day, Mr. Wang picked twice as many apples as he did on Thursday. Which day was it? ( **Tuesday** )

X16 score

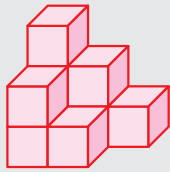
16

How many more apples did he pick on Friday than on Wednesday?  
( **225** ) apples

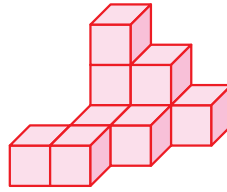
X17 score

17

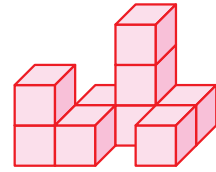
example



( 9 )



( 10 )



( 9 )

X18 score

18

$$\heartsuit + \heartsuit = 18$$

$$\blacksquare - \heartsuit = 36$$

$$\blacktriangle + \blacksquare = 50$$

①  $\heartsuit = ( 9 )$ ,  $\blacksquare = ( 45 )$ ,  $\blacktriangle = ( 5 )$

②  $\heartsuit + \blacktriangle = ( 14 )$

$$\blacksquare - \blacktriangle + \heartsuit = ( 49 )$$

X19 score

19

Write the correct numbers in the boxes .

$$\begin{array}{r} 2 \quad 5 \quad \boxed{8} \quad 4 \\ + \quad \boxed{1} \quad 6 \quad 9 \quad 8 \\ \hline 4 \quad \boxed{2} \quad 8 \quad \boxed{2} \end{array}$$

$$\begin{array}{r} \boxed{5} \quad 1 \quad 5 \quad 4 \\ - \quad 1 \quad \boxed{3} \quad 6 \quad 9 \\ \hline 3 \quad 7 \quad \boxed{8} \quad \boxed{5} \end{array}$$

$$\begin{array}{r} \boxed{2} \quad \boxed{3} \quad 6 \\ \times \quad \quad \quad \boxed{5} \\ \hline 1 \quad 1 \quad 8 \quad 0 \end{array}$$



More questions are on the next page.

X20 score

20

Sarah finished her homework at 6:30 pm. The minute hand on the clock moved one and a half rotations during the time she did her homework.

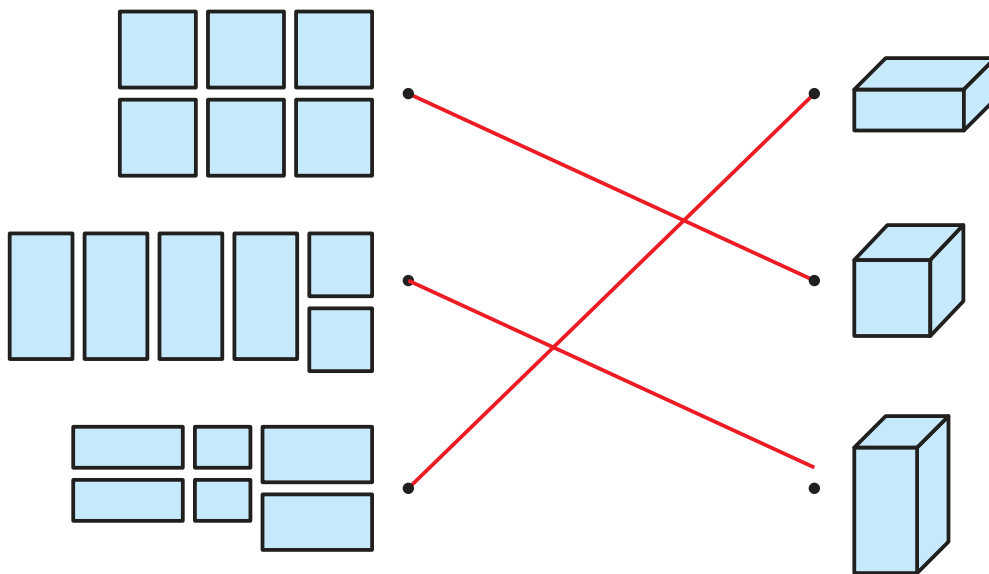
When did she start doing her homework? ( A )

(A) 5 pm (B) 5:30 pm (C) 7 pm (D) 7:30 pm (E) 8 pm

X21 score

21

Draw a line to match the 3D figures to the shapes they're made of.



X22 score

22

Each box has 20 apples.

- ① If you share 1 box of apples with 4 people evenly, each person gets ( 5 ) apples, which is (  $\frac{1}{4}$  ) of the box.
- ② Carol takes 1 box, and then  $\frac{1}{5}$  of another box.  
How many apples does she have in total? ( 24 )



X23 score

23

example

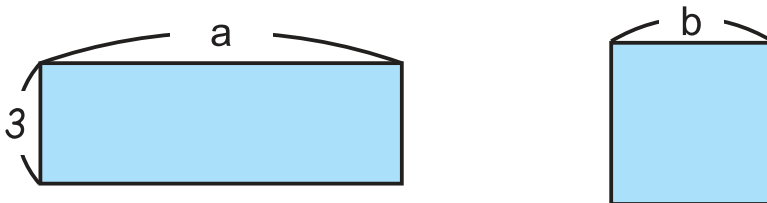


X24 score

24

Look at the rectangle and square below.

If each shape has a perimeter of 24 cm,  $a + b = ( 15 )$



X25 score

25

Steven and his 6 friends share some cookies.

Each person gets 8 cookies but there are 3 left.

How many cookies were there in total at first? ( 59 ) cookies



More questions are on the next page.



X26 score

26

Amy has \$200. Which combo can she buy? ( C )

Burger	Pizza	Spaghetti	Cake	Juice
\$125	\$155	\$159	\$85	\$70

- (A) Pizza, Burger (B) Spaghetti, Juice (C) Cake, Juice  
(D) Burger, Cake (E) Burger, Cake, Juice

X27 score

27

Use the number cards 2, 9, 0, 4, 5 to make a 3-digit number.

- ① The 3-digit number closest to 200 is ( 204 ).  
② The 3-digit number closest to 350 is ( 402 ).

X28 score

28

Mr. Lee and Gina both have \$1,000 each to buy furniture.  
Gina has \$294 left. The chart below shows a tally of the cash  
Mr. Lee has left in his wallet.

	100	50	10	1
Mr. Lee				

- ① Mr. Lee has ( 385 ) dollars left. He spent ( 615 ) on his furniture.  
② Gina spent ( 91 ) dollars (more) less) than Mr. Lee.



X29 score

29

Jack, Jill, and Sam are wearing shirts in different colors.

Jack says, " The other two people are wearing red and blue shirts."

Jill says, " The other two people are wearing yellow and red shirts."

Sam is wearing a ( red ) shirt.

X30 score

30

Millie had 5,680 g of flour. She used 1,250 g to bake a cake and 675 g to bake a pie. Then she put the leftover flour into 2 bags and gave one to Ethan and one to Sean. If Ethan got 1,200 g of flour,

- 1 Millie used ( 1,925 ) g of flour.
- 2 Sean got ( 2,555 ) g of flour.