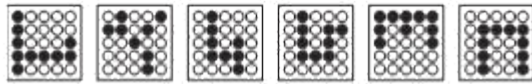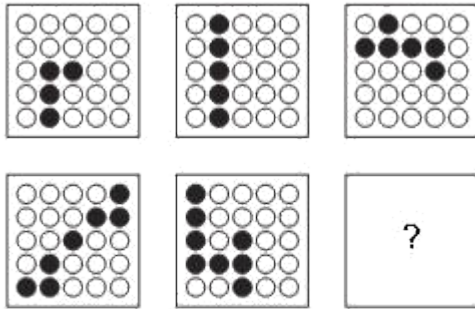What is missing in the last grid?
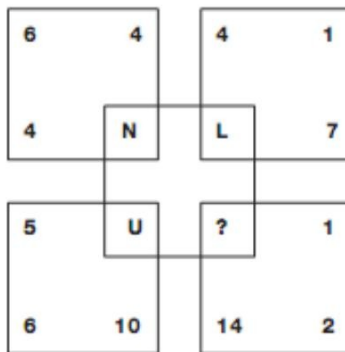

Answer   : D

Explanation: The number of black dots in each grid increases by 1 each
            time, starting with the top left grid and working to the right,
            top row then bottom row.

View Answer & Explanation

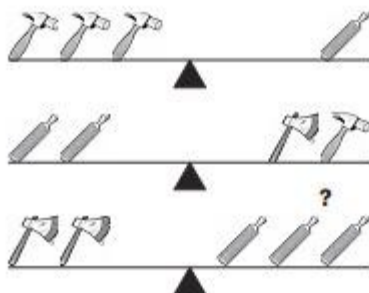Which letter replaces the question mark?

Answer   : Q

Explanation : Adding the three numbers in each square together gives the
            numerical value of the letter at the centre of each square.

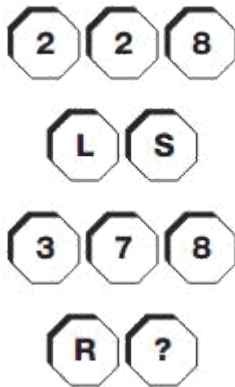View Answer & Explanation

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Which tool will make the last scale balance?

Answer   : Hammer

Explanation : The Hammer = 1, the File = 3 and the Axe = 5

Which letter replaces the question mark?


```
( 2 )( 2 )( 8 )

   ( L )( S )

( 3 )( 7 )( 8 )

   ( R )( ? )
```

Answer : U

Explanation : Multiply the numerical values of the letters in each pair to give the 3 digit result in the spaces above.

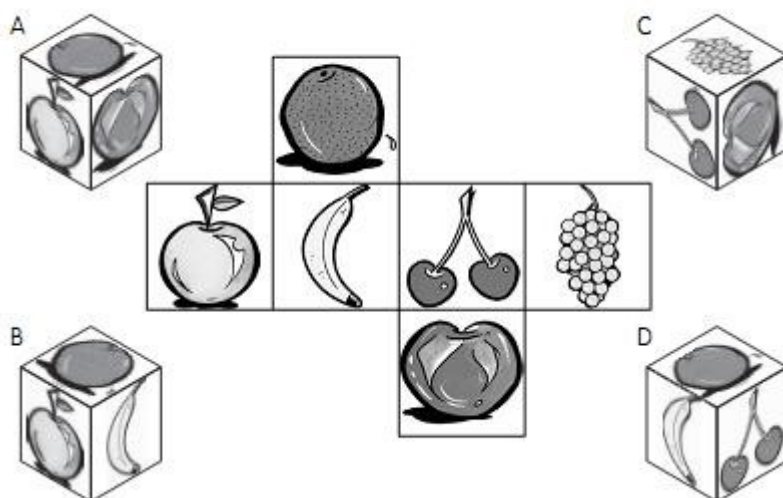Which number replaces the question mark?

6	EJI	3
M F K		D P G
9	NRG	?

Answer : 12

Explanation: The value at each corner of the diagram equals the difference between the sums of the numerical values of the letters in the boxes adjacent to the corner.
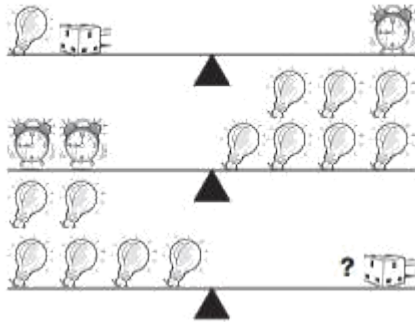
Which picture cube does this shape make?
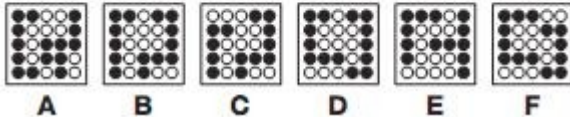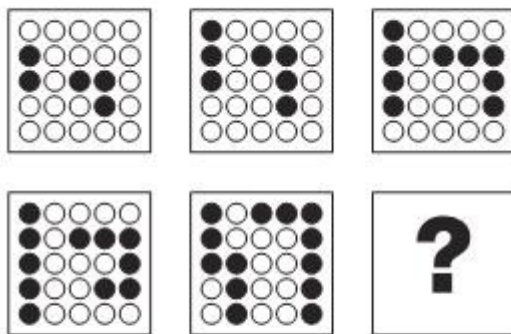

Answer : C

Explanation : [NIL]

Which symbol replaces the question mark?

Answer : Alarm clock
Explanation : The Alarm clock = 7, the Adaptor = 5 and the Bulb = 2

Which grid replaces the question mark?

| A | B | C | D | E | F |

Answer : A
Explanation : Working from left to right, top row then bottom row, the
first grid contains a sequence of 2 black dots and a
sequence of 3. The next grid contains one of 3 and one of
4. Continue, adding 1 to each sequence every time.

Which number replaces the question mark?

Answer : 3
Explanation : In each diagram, the numerical value of the left hand letter equals
the product of the upper and lower left hand numbers, and the right
hand letter equals the product of the upper and lower right

hand numbers. The numerical value of the central letter equals the
sum of the numerical values of the left and right hand letters.

Which letter replaces the question mark?

3	P	8
9	G	11
2	U	4
3	W	1
7	?	18

Answer   : B

Explanation : In each row of the diagram, the reverse alphabetical value of the
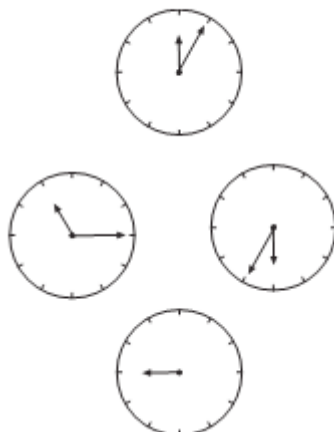central letter equals the sum of the left and right hand digits.

What time should the last watch show?

| 2:31 | 3:13 | 3:55 | 4:37 | ? |

Answer   : 5:19

Explanation : Starting with the watch on the left, add 42 minutes to the time
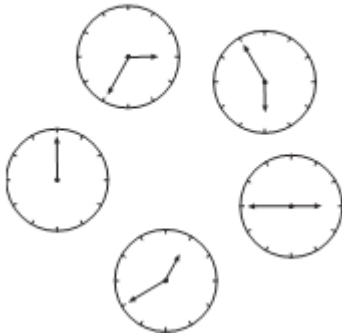shown to give the time on the next watch to the right.

Where should the minute hand be put on
the bottom clock?

Answer   : Hand pointing to 5

Explanation : Starting with the top clock and moving anti-clockwise around the others, the hour hand moves back 1 hour, then 2, then 3 etc, while the minute hand moves forward 10 minutes each time.

Answer   : To the 4

Explanation : Start with the top left clockface, and move around the others in a clockwise direction. The value pointed to by the hour hand equals the value pointed to by the minute hand, subtracting 4 for the first clockface, 5 for the next, then 6 etc.
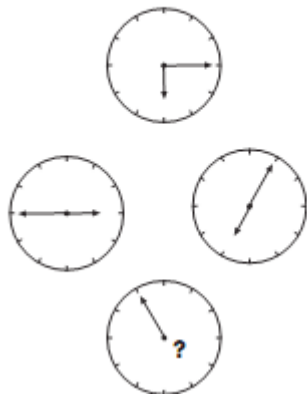
Which time should the last watch show?

Answer   : 5:23

Explanation : The sum of the separate digits on each watch increases by 2 as you move to the right.
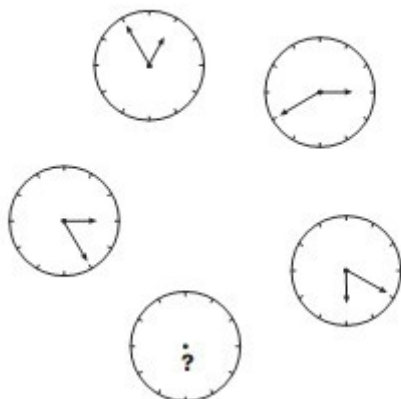
Where should the hour hand be pointing
on the bottom clock?

Answer   : Hour hand is pointing to 2.
Explanation : Multiply the hour hand value by 2 and add the minute hand
                   value. This total is always 15.
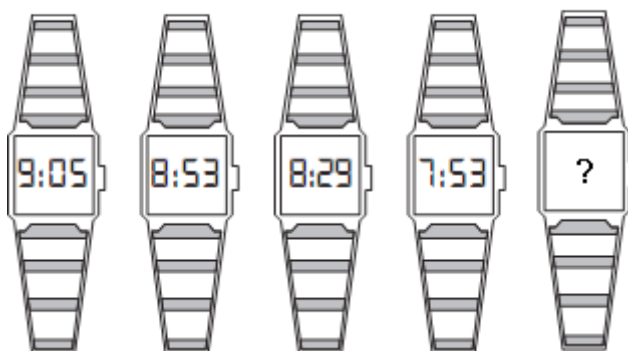

What time should the bottom clock show?

Answer   : Five minutes to Ten
Explanation : Start with the top left clockface, and move around the others
                   clockwise. The minute hand moves backwards by 15 minutes,
                   then 20, then 25 etc, while the hour hand moves forward 2 hours,
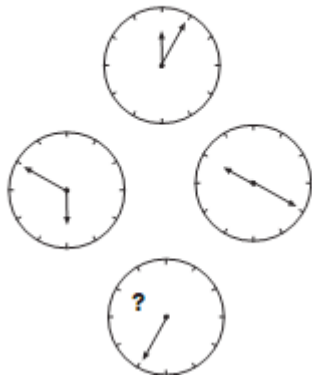   then 3, then 4 etc.

What time should the last watch show?

9:05   8:53   8:29   7:53   ?

Answer　　　: 7:05
Explanation : As you move from left to right, the time shown on each watch
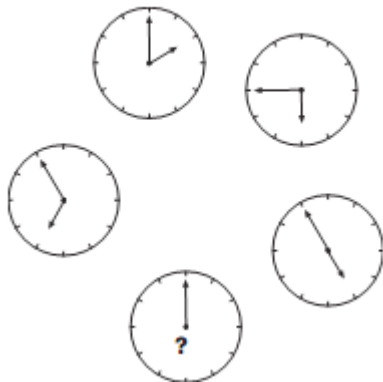　　　　　　　decreases by 12 minutes, then 24, 36 and 48.

Where should the hour hand point to on
the bottom clock?

Answer　　　: Hour hand points to 8
Explanation : Starting with the top clockface, and moving clockwise around the
　　　　　　　others, the minute hand moves forward 15 minutes, while the hour
　　　　　　　hand moves back 2 hours each time.
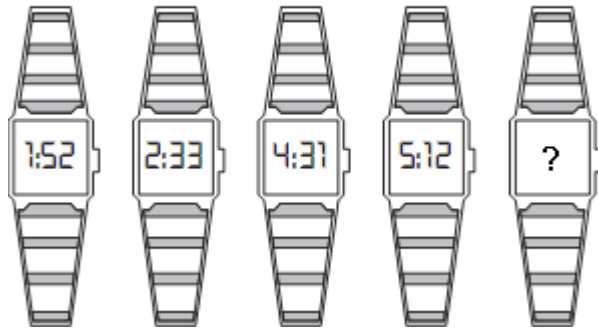
Where should missing hour hand point?

Answer　　　: To the 5
Explanation : Start with the top left clockface, and move around the others in a
　　　　　　　clockwise direction. The sum of the numbers pointed to by the
　　　　　　　hour and minute hand follows the sequence 14, 15, 16, 17 and 18.

What time should the last watch show?

Answer   : 6:20

Explanation : On each watch, the sum of the digits shown equals 8.