

Which shape is the same but facing the opposite direction? Select one letter each time and mark it on the answer sheet.

Look at this example.



A

B

C

D

Example

A

B

C

D

1



A



B

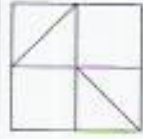


C



D

2



A



B



C



D

3



A



B



C



D

4



A



B



C



D

5



A



B



C



D

6



A



B



C



D

7



A



B



C



D

8



A



B

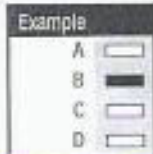


C

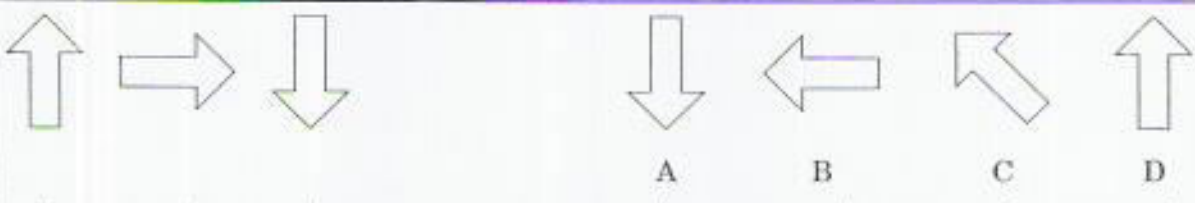


D

What comes next in this series? Select one letter each time and mark it on the answer sheet. Look at this example.



9



10



11



12



13



14



15



16



17



18



Which shape is different from the other three?  
 Select one letter each time and mark it on the answer sheet.

19



A



B



C

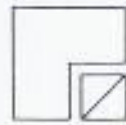


D

20



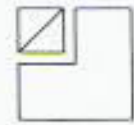
A



B



C



D

21



A



B

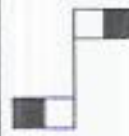


C



D

22



A



B



C



D

23



A



B

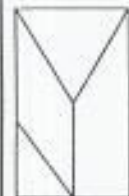


C



D

24



A




B



C



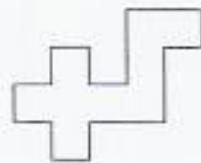
D

How many squares like  are in the following shapes?  
 Find the correct number and mark it on the answer sheet.

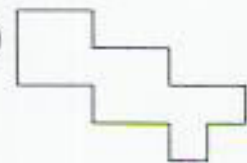
25



26



27





Folding and unfolding. Select one letter each time and mark it on the answer sheet.

Look at this example.



opened out gives



A



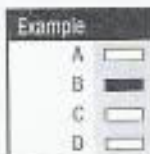
B



C



D



28



OPENED OUT GIVES



A



B

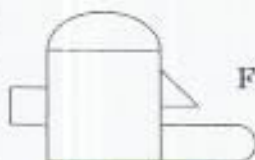


C



D

29



FOLDED IN GIVES



A



B



C



D

30



OPENED OUT GIVES



A



B



C

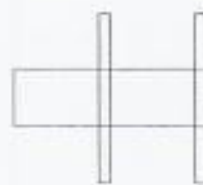


D

31



OPENED OUT GIVES



A



B



C



D

32



OPENED OUT GIVES



A



B



C

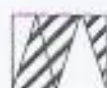


D

33



FOLDED IN GIVES



A



B



C



D

Which is the odd one out in this group of shapes? Select one letter each time and mark it on the answer sheet.

Look at this example.



A



B



C



D



E

Example	
A	<input type="checkbox"/>
B	<input type="checkbox"/>
C	<input type="checkbox"/>
D	<input checked="" type="checkbox"/>
E	<input type="checkbox"/>

34



A



B



C



D



E

44

35



A



B



C



D



E

45

36



A



B



C



D



E

46

37



A



B



C



D



E

47

38



A



B



C



D



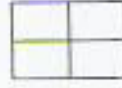
E

48

39



A



B



C



D



E

49

40



A



B



C



D



E

50

41



A



B



C



D



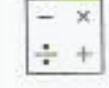
E

51

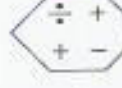
42



A



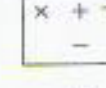
B



C



D



E

52

43



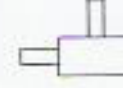
A



B



C

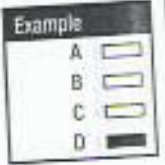
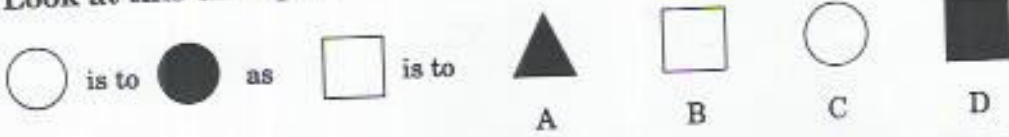


D

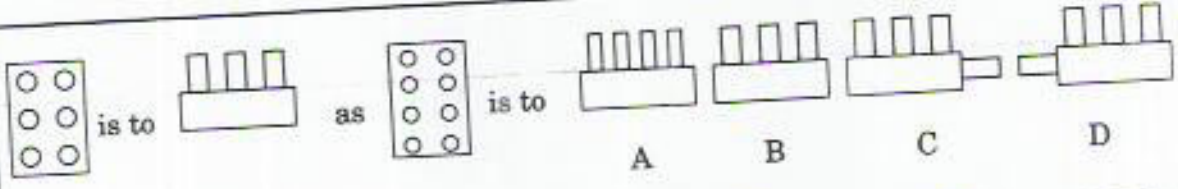


E

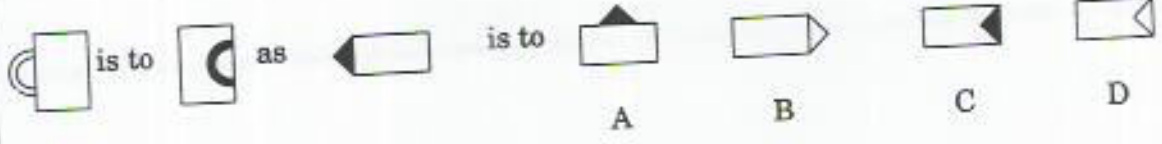
Analogies. Select one letter each time and mark it on the answer sheet.  
 Look at this example.



44



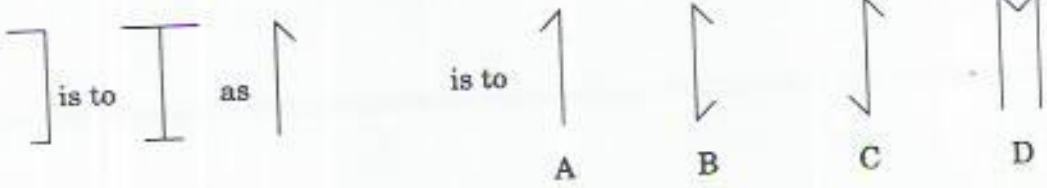
45



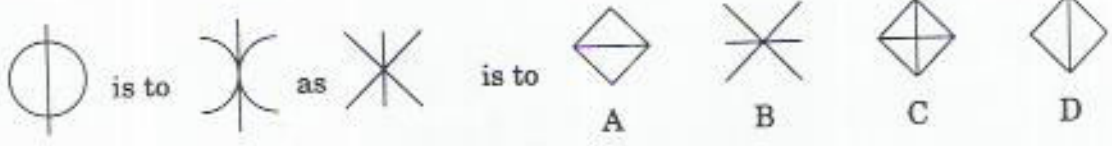
46



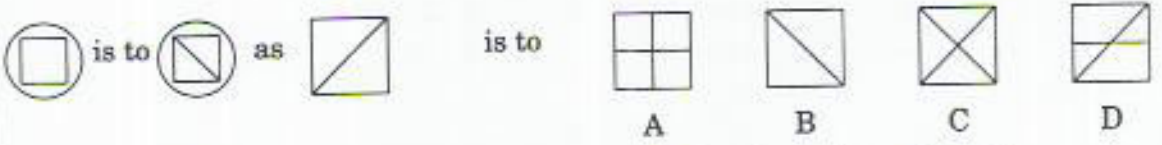
47



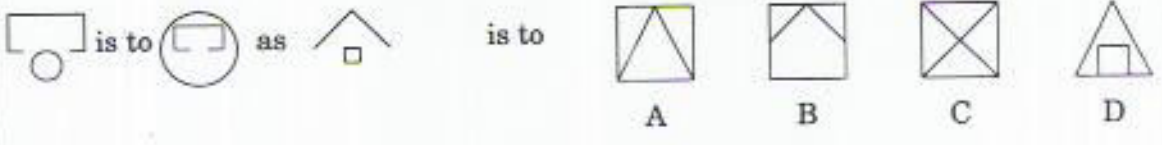
48



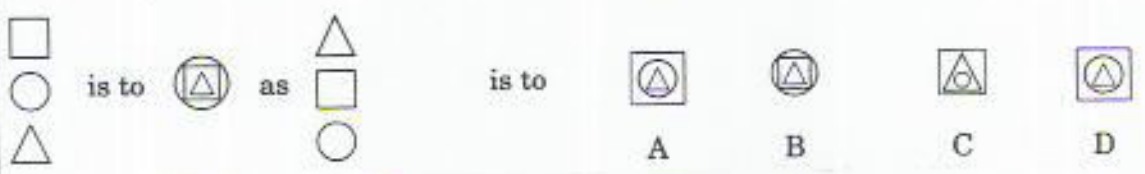
49



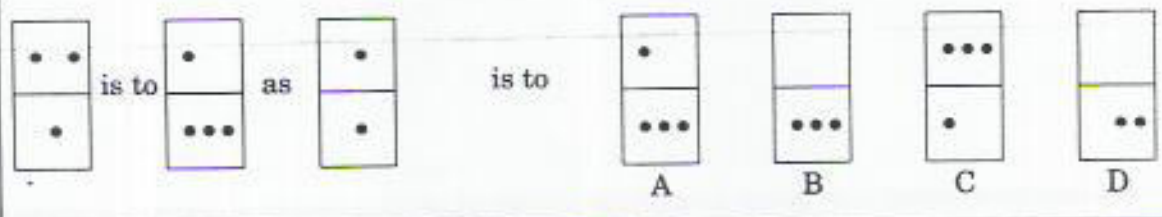
50



51



52





What fraction is shaded each time? Select one answer and mark it on the answer sheet.



- $\frac{2}{3}$     $\frac{3}{4}$     $\frac{5}{8}$     $\frac{1}{2}$



- $\frac{1}{4}$     $\frac{3}{8}$     $\frac{1}{3}$     $\frac{1}{2}$



- $\frac{5}{8}$     $\frac{3}{4}$     $\frac{2}{3}$     $\frac{5}{6}$



- $\frac{1}{5}$     $\frac{1}{3}$     $\frac{3}{10}$     $\frac{1}{4}$



- $\frac{3}{12}$     $\frac{1}{6}$     $\frac{1}{3}$     $\frac{3}{8}$



- $\frac{1}{8}$     $\frac{3}{8}$     $\frac{1}{4}$     $\frac{1}{5}$

Complete this mathematical table. Mark your answers on the answer sheet.

59	60	+		7	
	61	9	18		15
62	63	64		12	
65	66	67	2		

Supply the missing numbers in this addition sum. Mark your answers on the answer sheet.

$$\begin{array}{r}
 68 \quad \quad 3 \ 5 \ \boxed{4} \\
 69 \quad + \quad 2 \ \boxed{0} \ 7 \\
 70 \quad \quad \boxed{0} \ 6 \ 3 \\
 \hline
 71 \quad \boxed{0} \ 5 \ 2 \ 4
 \end{array}$$

Find the number that continues each sequence in the correct way and mark it on the answer sheet.

72     1,     4,     9,     16,     25,     [ ? ]

73     1,     2,     4,     8,     16,     [ ? ]

74     3,     7,     12,     16,     21,     [ ? ]

75     40,     33,     26,     19,     12,     [ ? ]