

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.



Example

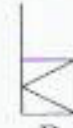
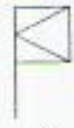
A

B

C

D

1



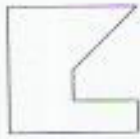
A

B

C

D

2



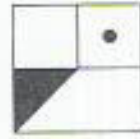
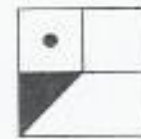
A

B

C

D

3



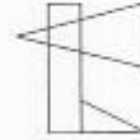
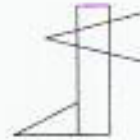
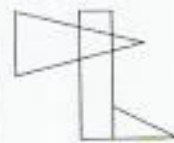
A

B

C

D

4



A

B

C

D

5



A

B

C

D

6



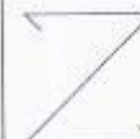
A

B

C

D

7



A

B

C

D

8



A

B

C

D

Which larger shape is the small shape hidden in? 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

9



A

B

C

D

10



A

B

C

D

11



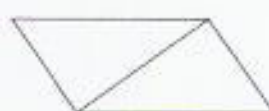
A

B

C

D

12



A

B

C

D

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

13



14



15



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

$\frac{6}{10}$ $\frac{2}{5}$ $\frac{4}{5}$ $\frac{1}{2}$

$\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{11}{16}$

16



17



18

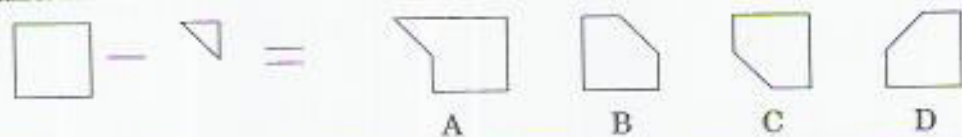


$\frac{4}{9}$ $\frac{1}{4}$ $\frac{3}{4}$ $\frac{1}{3}$

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

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

In these questions the two shapes are either added together or subtracted from each other. The shapes do not turn. Select one letter each time and mark it on the answer sheet. Look at this example.

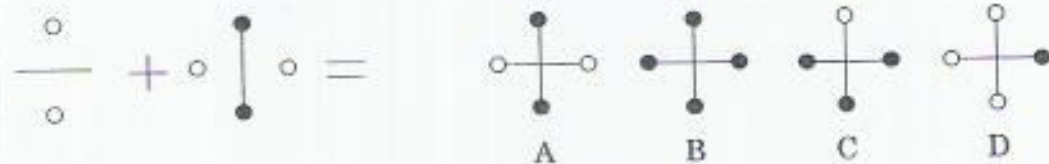


Example	
A	
B	
C	
D	

19



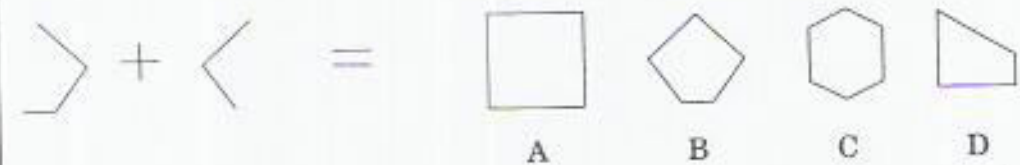
20



21



22



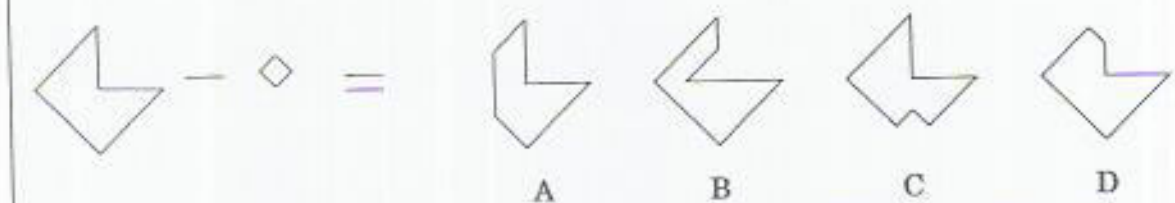
23



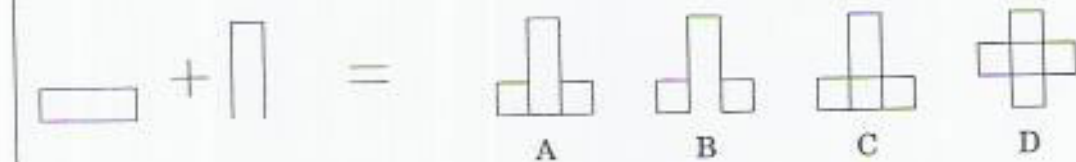
24



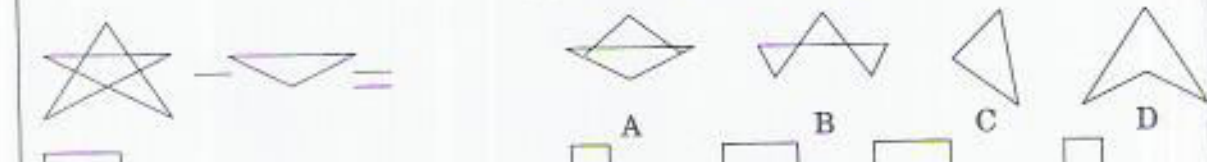
25



26



27



28



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



29



A



B



C



D

30



A



B

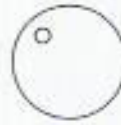


C

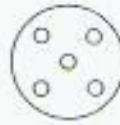


D

31



A



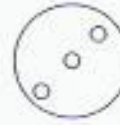
B



C



D



E

32



A



B



C



D



E

33



A



B



C



D



E

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

+	18		
		17	28
	21	9	
		11	

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

$$\begin{array}{r}
 527 \\
 \square\square\square \\
 + \square\square\square \\
 \hline
 183 \\
 \hline
 1142
 \end{array}$$

34

35

36

37

38

39

40

41

42

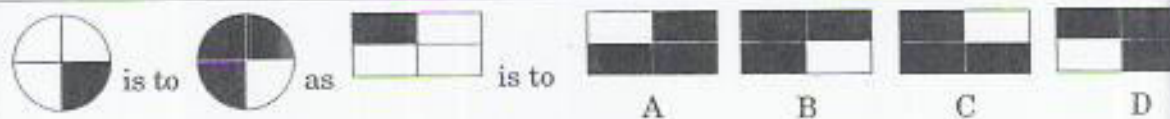
Analogies. Select one letter each time and mark it on the answer sheet.

Look at this example.

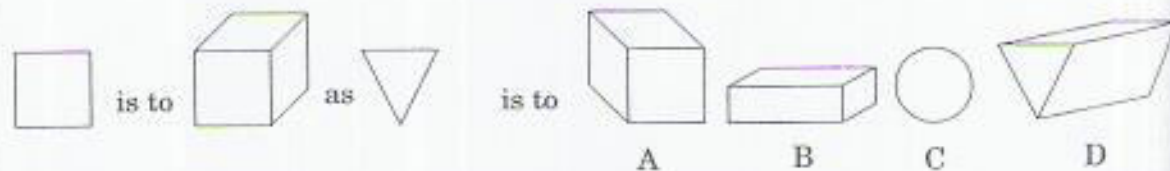


Example	
A	□
B	○
C	●
D	▲

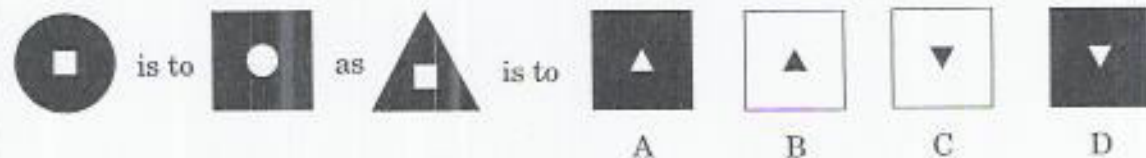
46



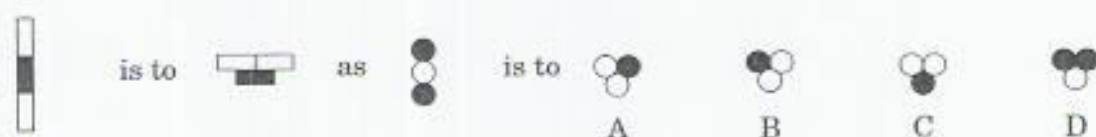
47



48



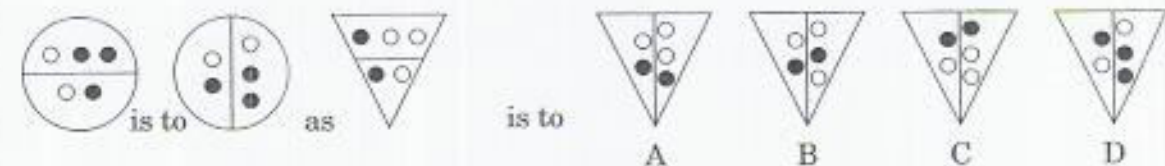
49



50



51



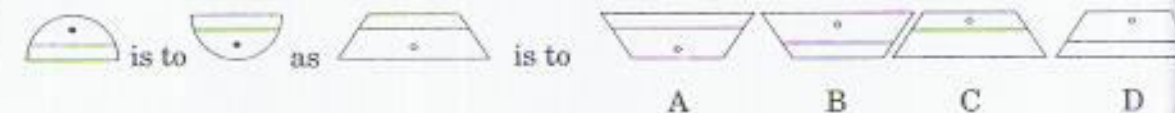
52



53



54



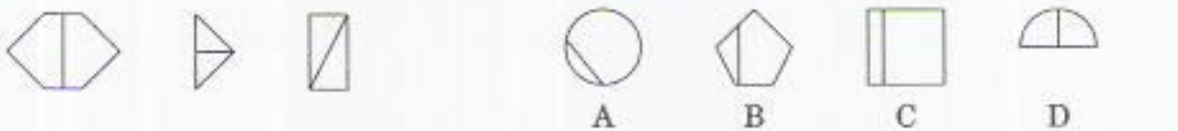
55



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



56



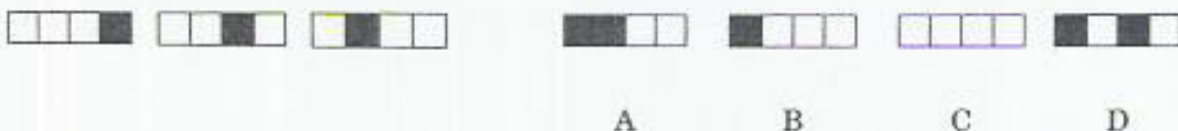
57



58



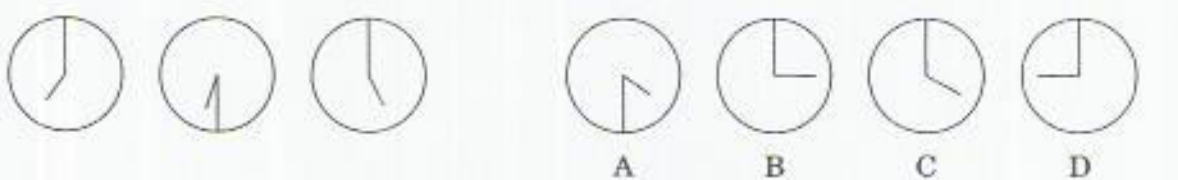
59



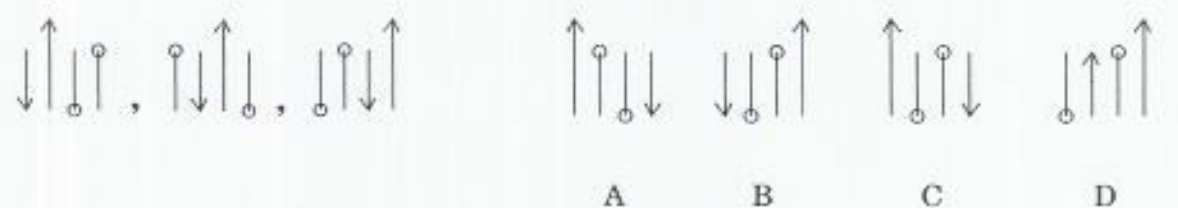
60



61



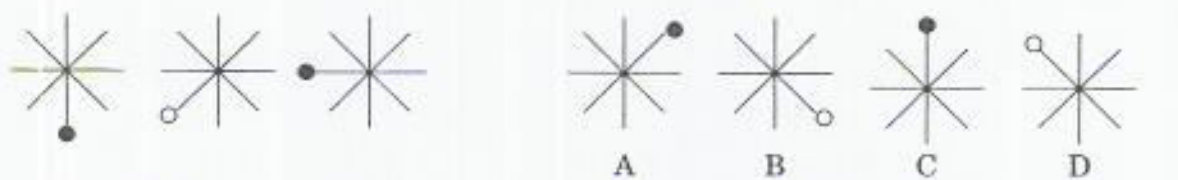
62



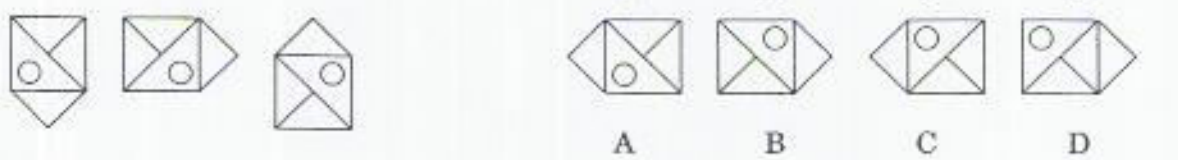
63



64

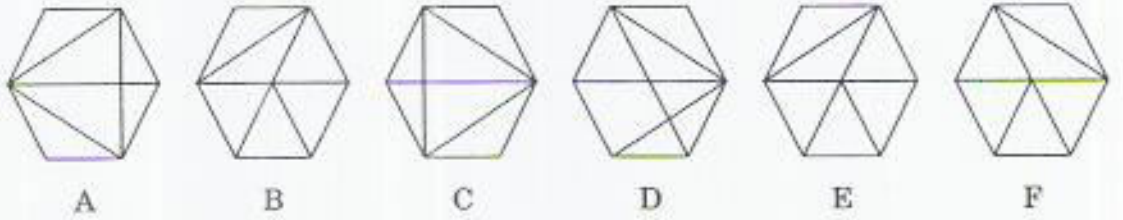


65



Which two are exactly the same. Select two letters each time and mark *both* letters on the answer sheet.

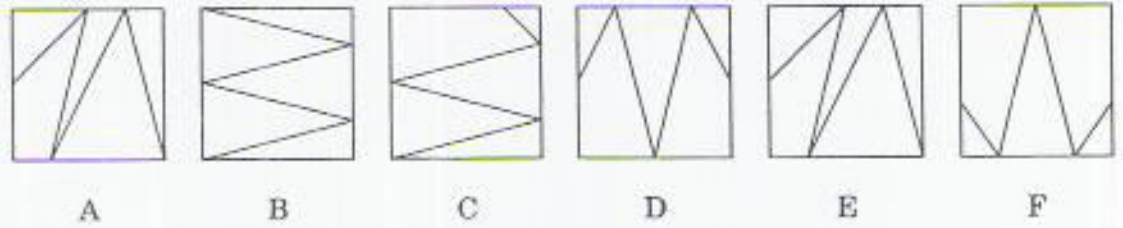
66



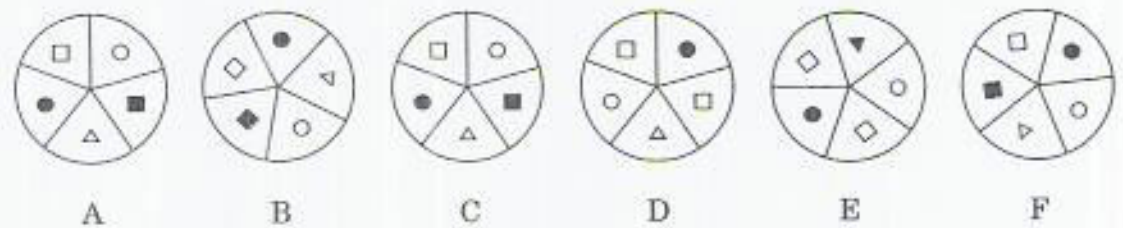
67



68



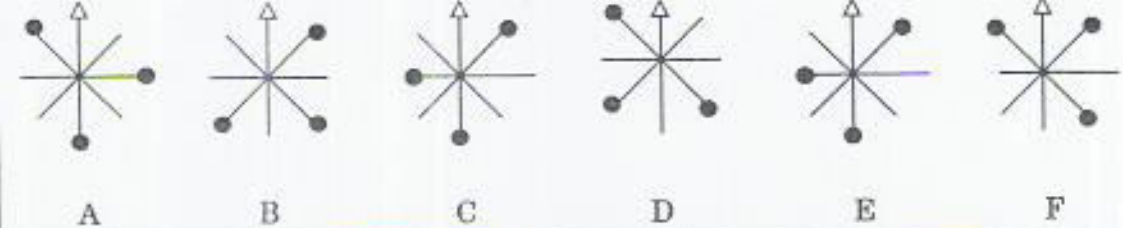
69



70



71



72

3, 12, 21, 30, 39, [?]

73

1, 3, 6, 10, 15, [?]

74

4, 9, 16, 25, 36, [?]

75

43, 37, 31, 25, 19, [?]