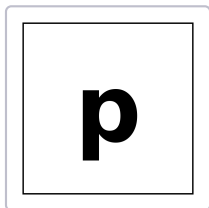


What is a Water Image?

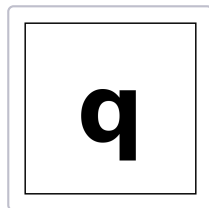
A water image is what a figure looks like when it is reflected in still water below it - as if the figure is standing on the edge of a pond. Top and bottom swap, but left and right stay exactly the same. This is the opposite of a mirror image (which swaps left-right, not top-bottom), so don't mix the two up - examiners often place both types in the same test.

Q1. Water Image of a Letter

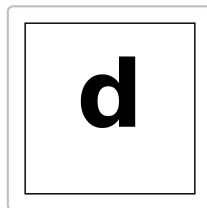
QUESTION FIGURE



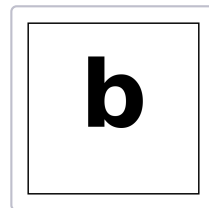
ANSWER FIGURES



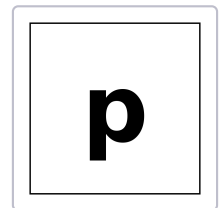
(A)



(B)



(C)



(D)

Answer: (C)

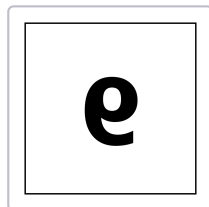
Flipping 'p' top-to-bottom (as in still water) turns it into 'b'. Option (B) is 'q' (a left-right mirror) and option (D) is 'd' (a 180-degree turn) - both classic traps.

Q2. Water Image of a Number

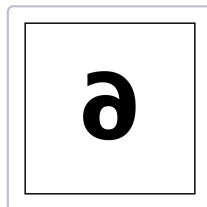
QUESTION FIGURE



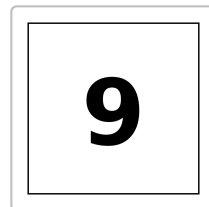
ANSWER FIGURES



(A)



(B)



(C)



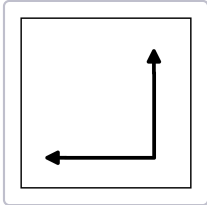
(D)

Answer: (A)

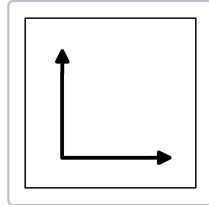
Many students assume the water image of '6' is '9' - but that only happens with a 180-degree turn. A genuine top-bottom water reflection gives the upside-down shape in (A).

Q3. Water Image of an Arrow

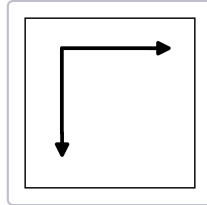
QUESTION FIGURE



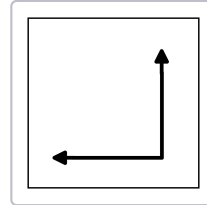
ANSWER FIGURES



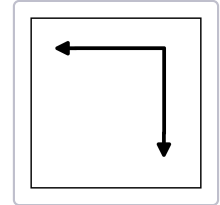
(A)



(B)



(C)



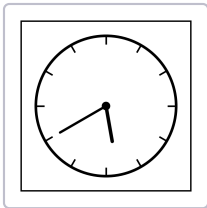
(D)

Answer: (D)

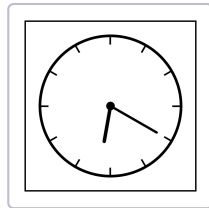
Left and right never change in a water image, so the sideways arrow keeps pointing left. But up and down swap, so the upward arrow now points down - only option (D) shows both.

Q4. Water Image of a Clock

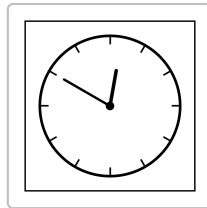
QUESTION FIGURE



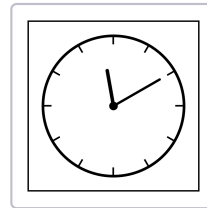
ANSWER FIGURES



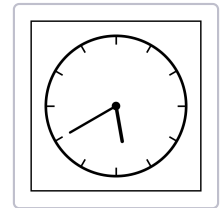
(A)



(B)



(C)



(D)

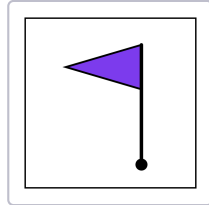
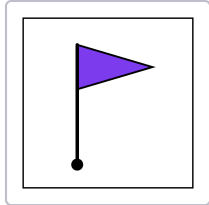
Answer: (B)

Each hand stays on the same left/right side of the centre but flips from the lower half of the dial to the upper half (or vice-versa). Option (B) reflects both hands this way.

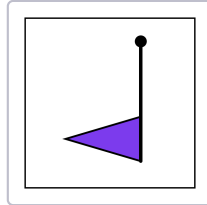
Q5. Water Image of a Flag

QUESTION FIGURE

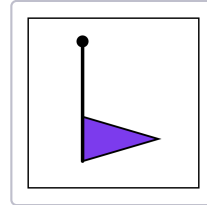
ANSWER FIGURES



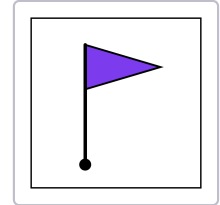
(A)



(B)



(C)



(D)

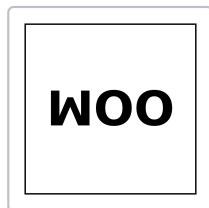
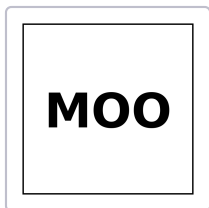
Answer: (C)

The flag keeps pointing right (left-right is unaffected), but it swaps ends with the base dot - the flag now sits near the bottom and the dot moves to the top, as in (C).

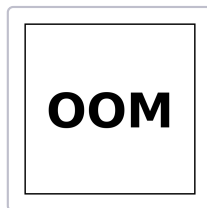
Q6. Water Image of a Word

QUESTION FIGURE

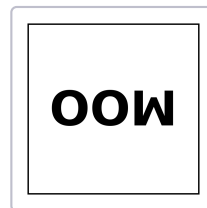
ANSWER FIGURES



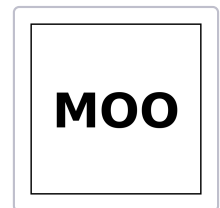
(A)



(B)



(C)



(D)

Answer: (A)

Unlike a mirror image, a water image keeps the letters in the same left-to-right order - it only flips each letter top-to-bottom. 'MOO' becomes 'WOO', as shown in option (A).

Exam Tip

Mirror image = left-right swap. Water image = top-bottom swap. If you mix them up, say this out loud: 'a mirror stands beside you, water lies below you.' Whatever is closer to the water (the bottom of the figure) ends up on top in the reflection, and vice versa.