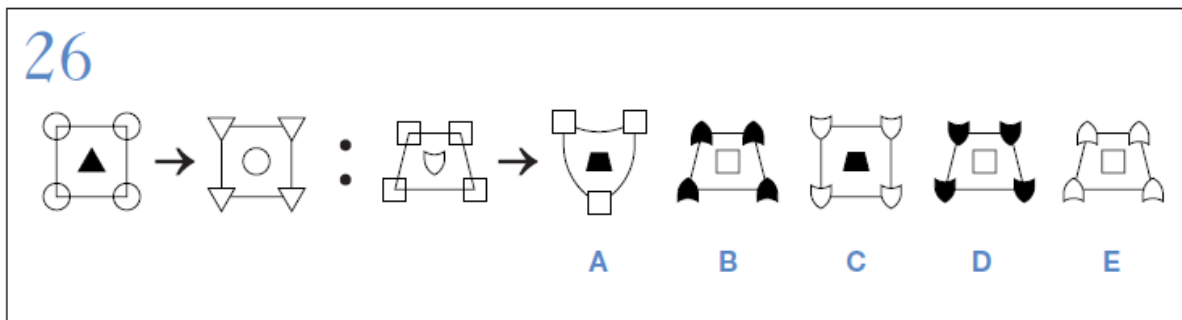


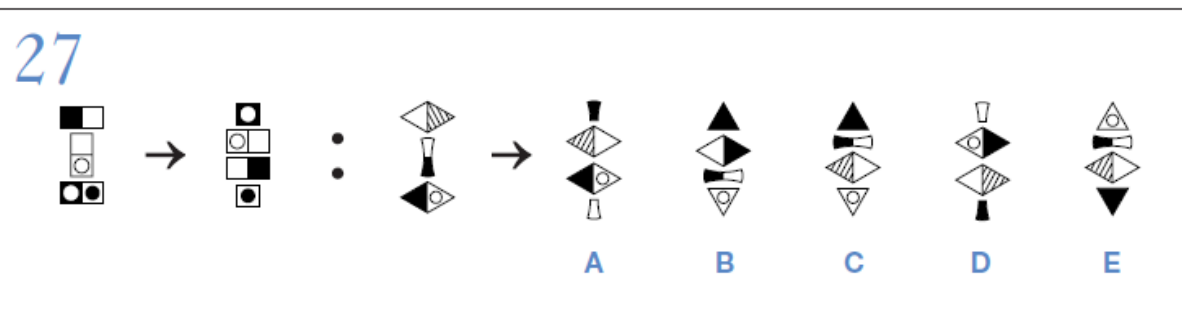
Answers to non-Verbal Reasoning Week 10:



26 We can eliminate shapes A and C because the outer shape has changed. This did not change on the first pair. B, D and E are all similar and shading of the outer shapes seems to be most significant. In the first pair, the outer shading swapped from black to white, so we need the white squares to become black, (and change shape to shields). That leaves B and D. The triangle flipped in the first pair. We need the shield to flip in the second pair. This happens with B.

Answer B.

27 One domino is black/white, the other is white/white circle, the other is white circle with black outer shading/black circle with white outer shading. These dominos have moved position, and the bottom one has split into two single squares, one



has move to the top and one has moved to the bottom.

We look at shape 3: Not dominos, but shapes with two sides to them. Lets look for the 'split' in the bottom shape. We need the diamond that is black on one side and white with a white circle on the other side to have split. We can eliminate A because that has not happened, and D for the same reason. Put an imaginary line through them.

B has separated these two parts, one on the top and one on the bottom.

C has also

And E.

Two have the black triangle on the top, and one E has it on the bottom. Is this significant?

The first pair has the left hand side shape, switching to the top. If we apply this to shapes 3 and 4 the black triangle has to be on top. We can eliminate E because it does not follow this pattern.

We are left with B and C.

We need to find something else.

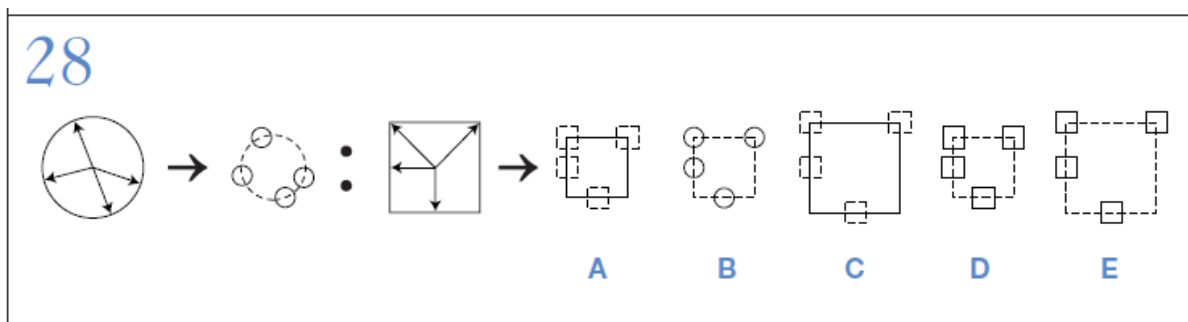
Let's look at the shapes in the middle: The top shape black on left/white on right, remains horizontal but the colours 'flip,' (black becomes white and white becomes black.)

We need the diamond shape to flip, for the white on the left and the dashed lines on the right to flip. That only happens in option C.

There is also another change: The middle domino rotates 90 clockwise to become horizontal with the white circle on the left and the blank white on the right. This also happens from shape 3 to shape 4, C.

From this

to

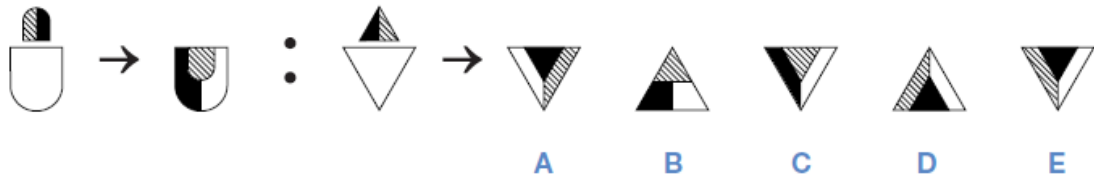


Shape one is made up of a circle with four lines with arrowheads on, (a bit like a clock with too many fingers). The lines of the outer circle change from unbroken to dashed lines, and the outer circle becomes smaller, and the four arrowheads turn into circles in a similar position.

Shape Three needs to change in the same ways. We need the square to become a square with with dashed lines, and to become smaller. We can eliminate A, C and E. We are left with B and D. One has circles on the outline, and one has squares. All are in similar positions to the arrowheads on shape 3 so that isn't going to help us choose between the two.

In the first two shapes, the arrowhead changed into circles, so is that it? Or is it that the arrowheads changed to the shape of the outer shape? I think the answer is D.

29



Let's look at the first pair. The smaller shape goes inside the bigger shape and flips upside down. The striped shading takes over the entire smaller shape, and the black shading takes up half the rest of the shape, (on the left hand side of it).

Let's look at shape 3. The outer triangle needs to go inside the bigger shape, and flip upside down. That doesn't happen in shape B or D, so we can draw an imaginary line through them.

We need the striped shading to take over the entire smaller shape, but that doesn't happen. Maybe it wasn't the shading, but the position of the shading. The striped shading was on the left of shape 1. The black shading is on the left of shape 3, so we need that to take over the entire inner shape? That eliminates C. *I think.

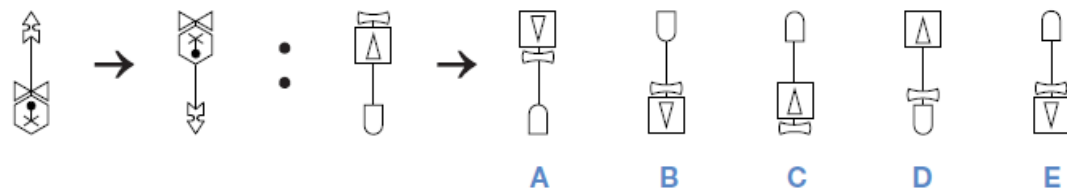
The shading on the right of small shape 1 went to the left of the big shape.

That means we need the striped lines of shape 3 to go to the left, as in E.

I think I'm going with option E as it seems to have stronger reasons for it than C.

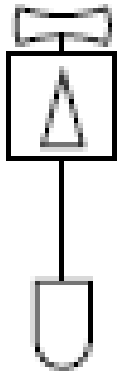
Answer E.

30



Shape 1 tips upside down, and the arrow flips with it as in a 180 rotation. The inner shape of the hexagon also flips as you would expect. However, the bow moves to the end of the rod.

Let's look at shape 3.



We need it to flip, except for the bow. Only C and E have the paddle shape on the top. (Option B has a paddle, but it is the wrong way round.) We need the cone shape to be pointing downwards, which only leaves E. (Also, the bow shape has moved in shape E, in the same way as it did between shapes 1 and 2. Confirmed.)

Answer: E