Non-Verbal Reasoning

Find the Figure like the First Three

What do I do?

Find the figure that is **most like** the first three figures shown.

Top Tips!

- Look for the key areas of pattern change in NVR, these are: shape, size, shading, colour, movement, position, lines, direction, rotation and number. You can remember these by using the mnemonic – **"Silly string soup can make pirates lose dazzling ruby necklaces!"**
- When tackling a question, look to see what the figures have in common. There might be more than one rule.
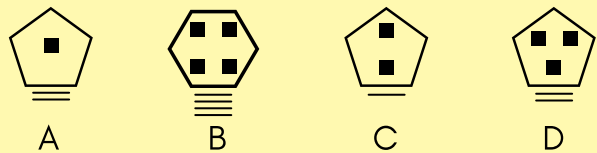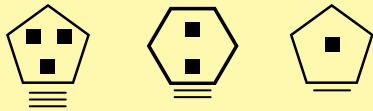
What skills do I need to improve?

Doing lots of practice questions will help with becoming familiar with question types but what else can you do to improve in this area?
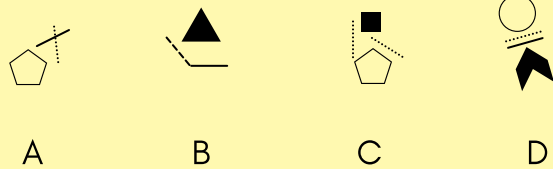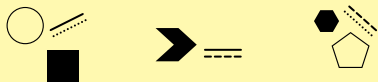
- Try to create some shapes/pictures of your own with one key thing in common. They could have the same shading, a certain number of sides to one of the shapes or an arrow pointing in a particular direction. Use them to test a friend to see if they can tell what your secret pattern is.
- Try some of the NVR code questions too – these ask you to look for similarities between shapes as well.
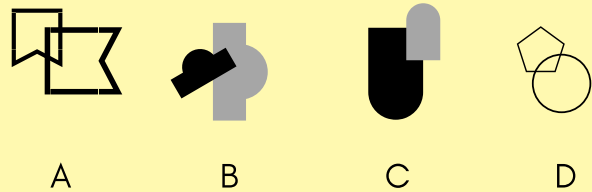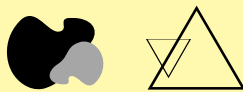
Practice Questions

1.

       A   B   C   D

2.

       A   B   C   D

3.

       A   B   C   D

Can you think of your own mnemonic to remember the 10 key areas to look for in patterns?

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Answers

1. **B** – The figures on the left all have the same number of black squares as lines.

2. **D** – The figures on the left all have two lines. These lines must be going in the same direction and not overlap.

3. **C** – The figures on the left all have a larger shape and smaller shape. The smaller shape has been rotated 180 degrees.