Confusing Transformations

Describe the geometrical transformations of the graph of to the following graphs…

In particular, for question four here, which of the following is the correct answer?...

1. Stretch horizontal, SF , then translate
2. Stretch horizontal, SF , then translate
3. Stretch horizontal, SF , then translate
4. Translate then stretch horizontal, SF
5. Translate then stretch horizontal, SF
6. Translate then stretch horizontal, SF

Confusing Transformations - Answers

Describe the geometrical transformations of the graph of to the following graphs…

1. Stretch vertical, scale factor 3
2. Stretch horizontal, scale factor
3. Translation
4. Stretch horizontal, SF , then translate , or…

Translate then stretch horizontal, SF

1. Reflect horizontal, stretch vertical scale factor -3 (or stretch vertical scale factor 3 and reflect vertical)
2. Reflect in line
3. Reflect in line , then translate
4. Reflect in line ,then translate , then stretch horizontal scale factor 5