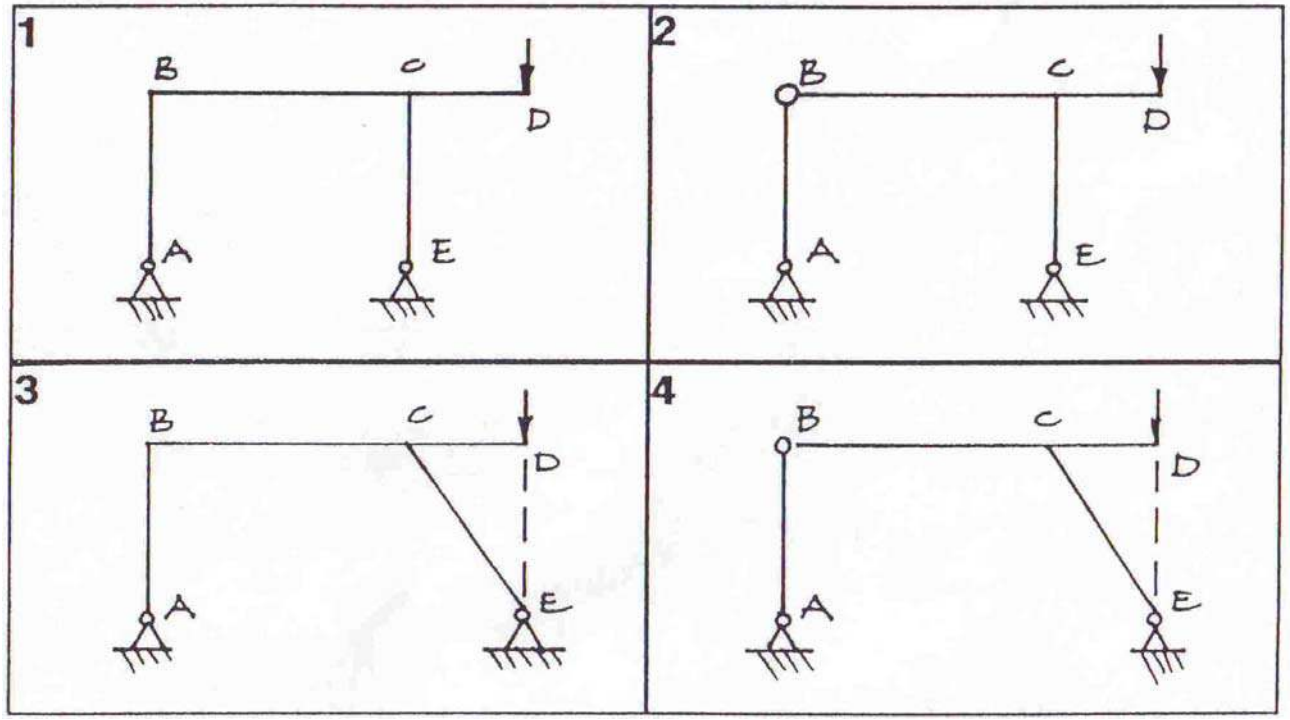
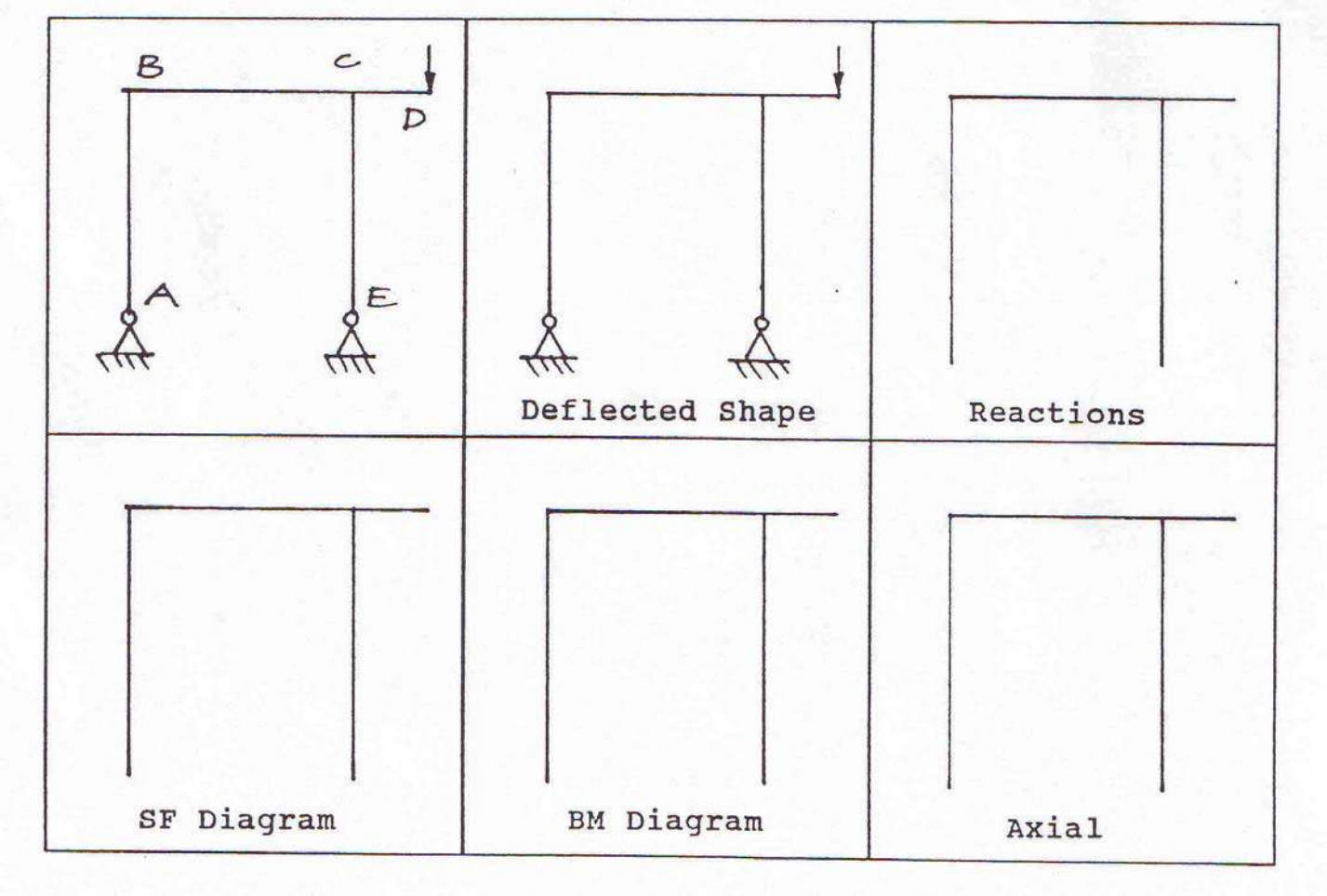
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The objective of this exercise is to produce the full solution to the four portal frames, including axial and shear forces. It is also intended as an exercise in collaboration, because all real structural problems are team solutions.

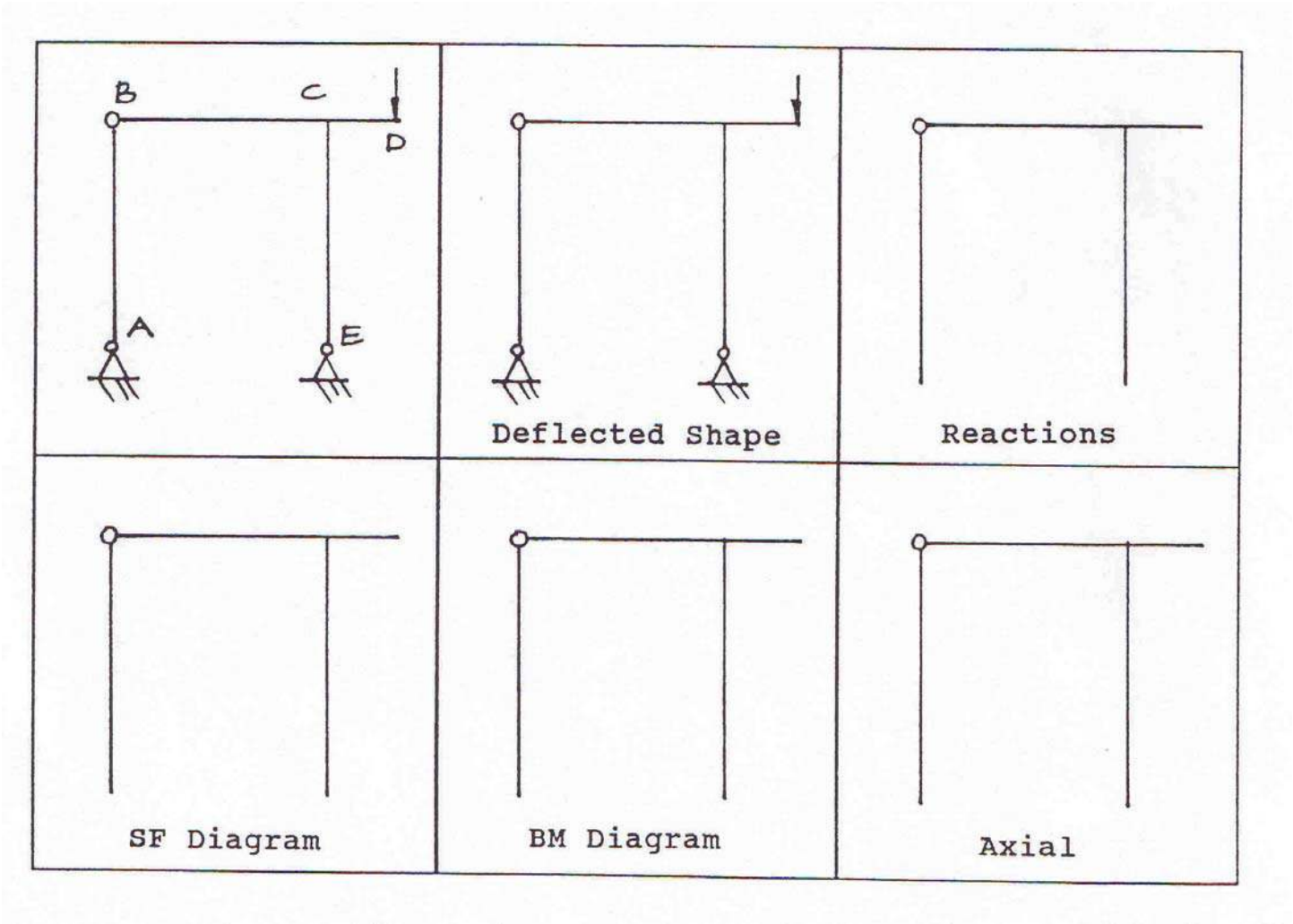
Start by choosing what you consider to be the most obvious and reliable first part to any of the forces; the cantilever moment is the most obvious. Then ask your colleague to choose the next and so on.



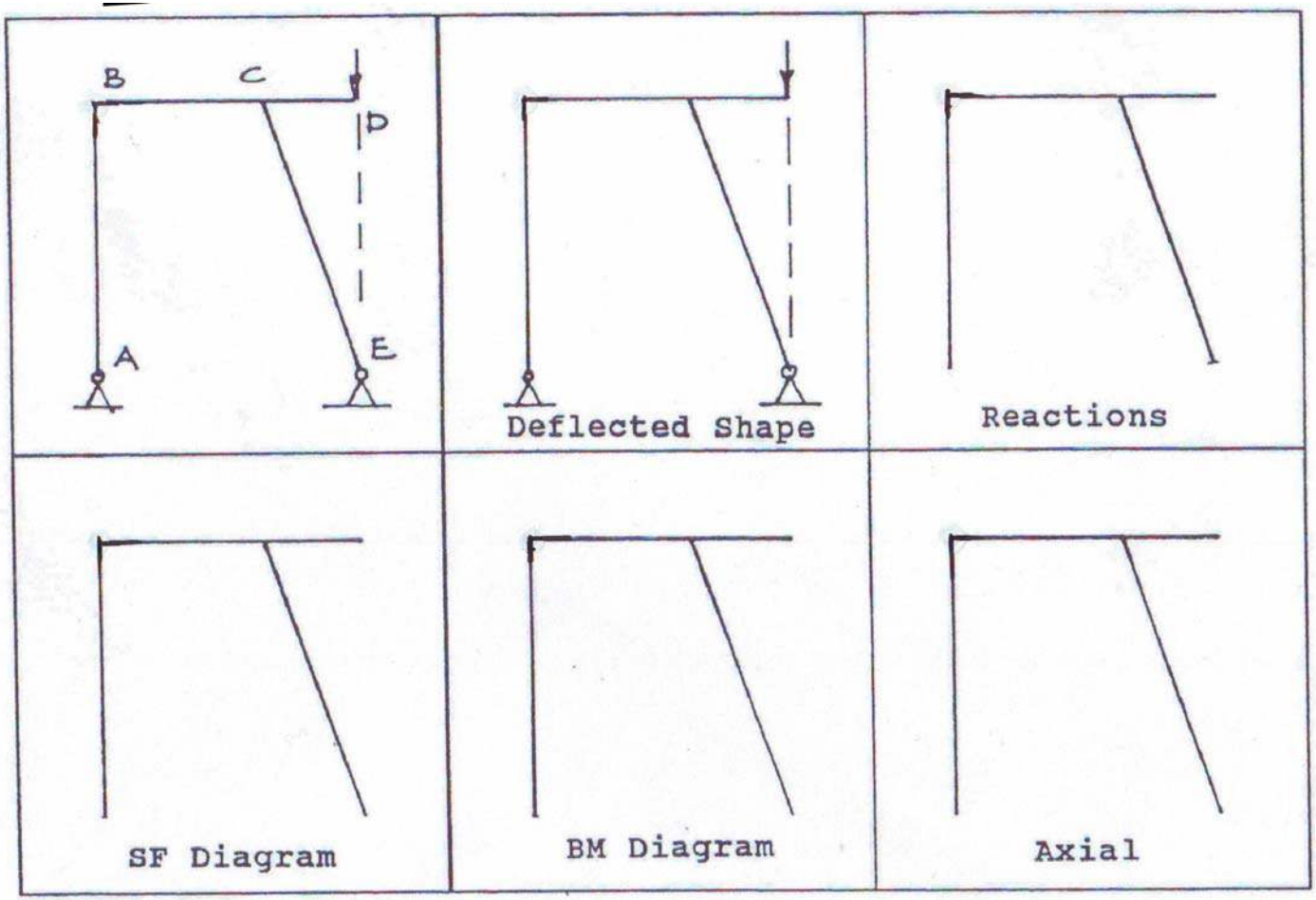
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