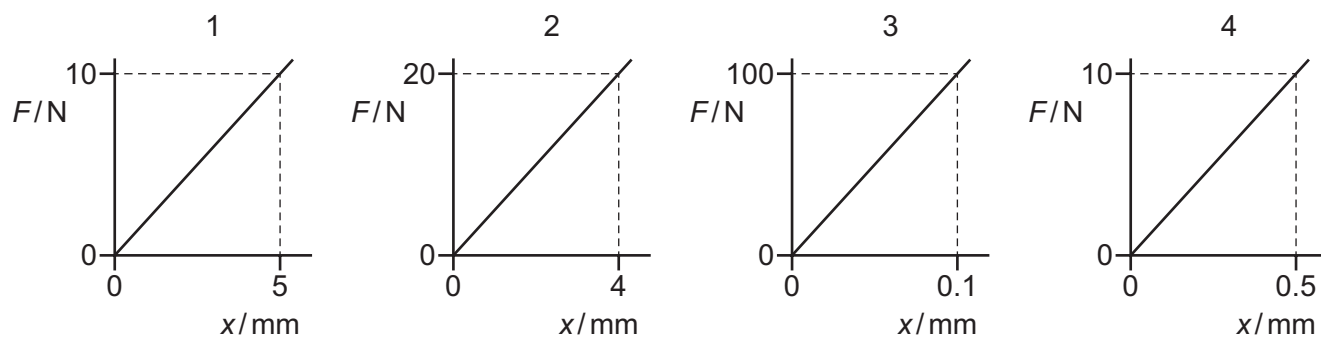


- 19 The spring constants of four springs are determined by plotting the following graphs of force  $F$  against extension  $x$ .



Which order of the graphs shows **decreasing** spring constants?

- A  $2 \rightarrow 1 \rightarrow 3 \rightarrow 4$
- B  $3 \rightarrow 4 \rightarrow 2 \rightarrow 1$
- C  $4 \rightarrow 2 \rightarrow 1 \rightarrow 3$
- D  $4 \rightarrow 3 \rightarrow 2 \rightarrow 1$