1)   Question: Jeff is training to be a highspeed train driver. The following graph represent his speeds, above 100 miles/hour, during a practice run. In which time frame is his speed constant for a while, then increases, and then decreases.

A) from   120 minutes to   15 minutes
B) from   105 minutes to 150 minutes
C) from   90 minutes to 150 minutes
D) from   75 minutes to 120 minutes

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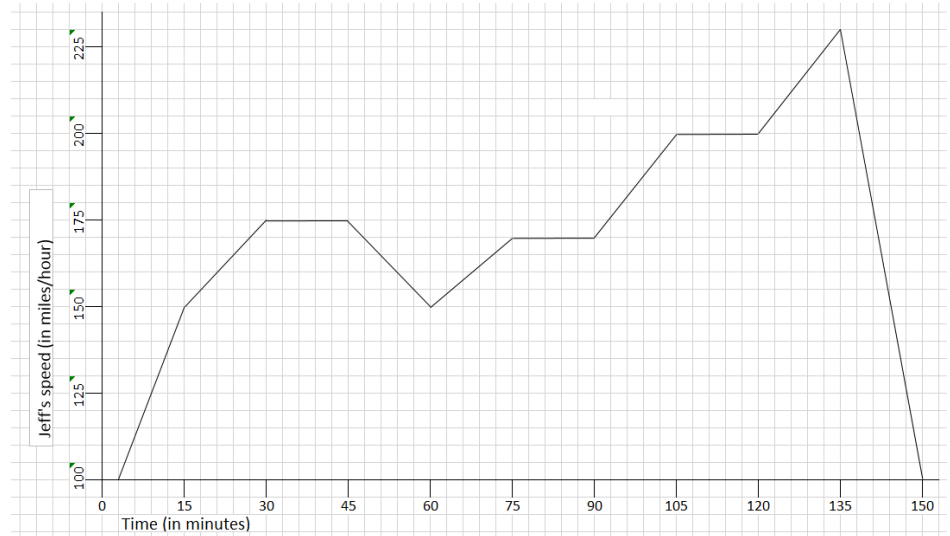
For speed, while solving something similar, only THINK the words in blue; WRITE only the words in other COLORS.
Color the lines,

RED   LINES; SPEED IS INCREASING
BLACK   LINES; SPEED IS CONSTANT
GREEN LINES; SPEED IS DECREASING
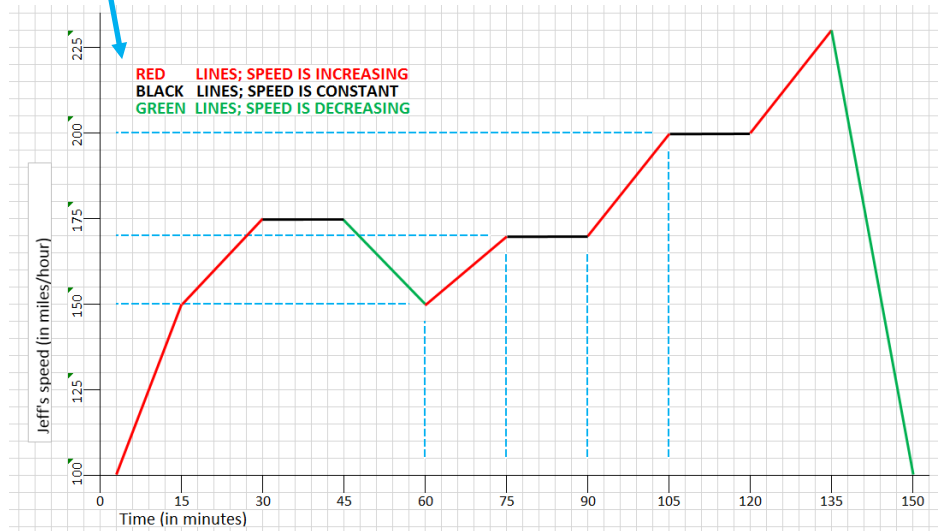
From the given graph, it can be seen that
1) *from the   3 minute mark to the   15 minute mark, the speed increases   from 100 to   150 miles/hour.*
2) *from the   15 minute mark to the   30 minute mark, the speed increases   from 150 to   175 miles/hour.*
3) *from the   30 minute mark to the   45 minute mark, the speed stays constant at   150 miles/hour.*
4) *from the   45 minute mark to the   60 minute mark, the speed decreases from 175 to   150 miles/hour.*
5) *from the   60 minute mark to the   75 minute mark, the speed increases   from 150 to   170 miles/hour.*
5) *from the   75 minute mark to the   90 minute mark, the speed stays constant at   170 miles/hour.*
6) *from the   90 minute mark to the 105 minute mark, the speed increases   from 170 to   200 miles/hour.*
7) *from the   105 minute mark to the 120 minute mark, the speed stays constant at   200 miles/hour.*
8) *from the   120 minute mark to the 135 minute mark, the speed increases   from 200 to   230 miles/hour.*
9) *from the   135 minute mark to the 150 minute mark, the speed decreases   from 230 to   100 miles/hour.*

Solve: *In which time frame is his speed constant for a while then increases and then decreases. Answer (B).*