|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Question 6: (1 point)**

|  |
| --- |
| *This question from the textbook has been modified for online presentation. Parts A, B,* *and D have been omitted.*  |

Task time estimates for a production line setup project at Robert Klassen’s Ontario factory are as follows.

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  | **Immediate**  |
| **Activity**  | **Time (in hours)**  | **Predecessors**  |
|  |  |  |
| A | 5.6 | — |
| B | 4.5 | — |
| C | 6.2 | A |
| D | 4 | B, C |
| E | 5.7 | B, C |
| F | 5.7 | D |
| G | 4.4 | E, F |
|  |  |  |
|  |  |  |

What is the expected project length? \_\_\_\_\_\_\_\_\_\_\_\_ hours*Round your answer to 1 decimal place; for example,* 12.3 . |
|

|  |
| --- |
| *This question from the textbook has been modified for online presentation. Part C has* *been eliminated.*  |

A check-processing center uses exponential smoothing to forecast the number of incoming checks each month. The number of checks received in June was 34 million, while the forecast was 44 million. A smoothing constant of .2 is used. |
| What is the forecast for July? \_\_\_\_\_\_\_\_\_\_\_\_ million checks*Round your answer to 1 decimal place; for example,* 12.3 . |
| If the center received 45 million checks in July, what would be the forecast for August? \_\_\_\_\_\_\_\_\_\_\_\_ million checks*Round your answer to 1 decimal place; for example,* 12.3 . |