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# QUESTION 1



Figure 1 shows the process flow for the production of a certain product. The process consists of several steps, each of which is performed by a different worker. The time taken to complete each step is given in minutes. The process is currently being run by worker A, who is the only worker available. Worker A is currently working on the first step of the process.

Worker A is currently working on the first step of the process. The time taken to complete this step is 15 minutes. Worker A has just completed this step and is now available to start the second step. The time taken to complete this step is 10 minutes. The word **tidily**

is used to describe a process that is completed in a neat and orderly fashion. In this context, it means that the process is completed in a way that does not cause any damage to the equipment or the environment. The process is currently being run by worker A, who is the only worker available. Worker A is currently working on the first step of the process. The time taken to complete this step is 15 minutes. Worker A has just completed this step and is now available to start the second step. The time taken to complete this step is 10 minutes.



Figure 2 shows the process flow for the production of a certain product. The process consists of several steps, each of which is performed by a different worker. The time taken to complete each step is given in minutes. The process is currently being run by worker B, who is the only worker available. Worker B is currently working on the first step of the process.

Worker B is currently working on the first step of the process. The time taken to complete this step is 15 minutes. Worker B has just completed this step and is now available to start the second step. The time taken to complete this step is 10 minutes. The word **tidily** is used to describe a process that is completed in a neat and orderly fashion. In this context, it means that the process is completed in a way that does not cause any damage to the equipment or the environment. The process is currently being run by worker B, who is the only worker available. Worker B is currently working on the first step of the process. The time taken to complete this step is 15 minutes. Worker B has just completed this step and is now available to start the second step. The time taken to complete this step is 10 minutes.

Worker B is currently working on the first step of the process. The time taken to complete this step is 15 minutes. Worker B has just completed this step and is now available to start the second step. The time taken to complete this step is 10 minutes.



# QUESTION 2

Figure 1 shows the process flow for the production of a certain product. The process consists of several steps, each of which is performed by a different worker. The time taken to complete each step is given in minutes. The process is currently being run by worker A, who is the only worker available. Worker A is currently working on the first step of the process.

- 1) Worker A is currently working on the first step of the process. The time taken to complete this step is 15 minutes. Worker A has just completed this step and is now available to start the second step. The time taken to complete this step is 10 minutes.
- 2) Worker A is currently working on the second step of the process. The time taken to complete this step is 10 minutes. Worker A has just completed this step and is now available to start the third step. The time taken to complete this step is 15 minutes.
- 3) Worker A is currently working on the third step of the process. The time taken to complete this step is 15 minutes. Worker A has just completed this step and is now available to start the fourth step. The time taken to complete this step is 10 minutes.
- 4) Worker A is currently working on the fourth step of the process. The time taken to complete this step is 10 minutes. Worker A has just completed this step and is now available to start the fifth step. The time taken to complete this step is 15 minutes.
- 5) Worker A is currently working on the fifth step of the process. The time taken to complete this step is 15 minutes. Worker A has just completed this step and is now available to start the sixth step. The time taken to complete this step is 10 minutes.

