# Activity 10 – 24351 (v2) Demonstrate knowledge of and use specified fixed machinery in the construction of BCATS projects

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| **Student name:** |

1. What are the main advantages of cutting techniques over scraping?

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1. What are the advantages of wearing a full-face shield compared with safety glasses?

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1. What could happen if, when setting up a wood lathe to turn a large piece of timber (e.g. 300mm in diameter), the top speed was incorrectly selected?

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[Please complete question 4 on the following page.]

1. Using the given sketch indicating the head of a wood lathe, show the position of the pulley belt needed to give the fastest speed.

Work

Motor