# Knowledge assessment - 24353 (v3) Demonstrate knowledge of and create sketches and drawings for BCATS projects

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| **Student name:** |

1. What does a scale of 1:20 mean?

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1. What drawing scale would be used when drawing an object at twice its normal size?

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1. What drawing method is used to produce a set of working drawings?

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1. What is the purpose of a section drawing?

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1. Complete columns B and C to describe each line and what it is used for.

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| A. Line | B. Description | C. Uses |
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1. What type of drawing projection can provide information about window and door heights?

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1. What is the most common angle used to draw an oblique drawing?

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1. Why is it necessary to store drawing equipment carefully when it is not in use?

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1. Identify a grade of pencil lead that is most suited to the following tasks:

Construction lines:

Lining in (finishing lines:

Rendering (shading):

1. What effect would using set squares with damaged edges have on the quality of your work?

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1. Identify an appropriate drawing method that may be used to present information for each of the following situations:

The technique that may be used to sketch the layout of a room.

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A 3-dimensional view.

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A 2-dimensional side view of an object.

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A 2-dimensional view looking down on an object.

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1. Complete the following chart.

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| **Symbol** | **Meaning** |
| Single%20Swing |  |
| Concrete |  |
| Top%20Hung |  |
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|  |  |
| H  C |  |
| WM |  |

1. Describe methods for storing fragile drawing equipment, such as pencils and set squares, to protect them from becoming damaged.

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Assessor Sign off:

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| Assessor name:  Assessor signature: Date: | RESULT: A = Achieved,  N = Not Yet Achieved |