

## Lesson 3

### PT 101 Lesson 3 Review / Discussion Questions - Answers

Yellow is my original answers Green is the changes

1. What icon is used for the Zoomer tool in the Edit window? How can you use this tool to quickly zoom out, filling the Edit window with the longest track in the session? (See “Zoomer Tool” beginning on page 52.)

The icon is a magnifying glass

2. Which Edit tool is represented by a hand icon? What is this tool used for? (See “Grabber Tool” beginning on page 54.)

Grabber tool

3. Which tool is active when the Trim, Selector, and Grabber icons are all selected (highlighted in blue) in the Edit window toolbar? (See “Smart Tool” beginning on page 55.)

The smart tool

4. What are the four Edit modes in Pro Tools? How can you switch between them? (See “Edit Modes” beginning on page 56.)

Shuffle mode, slip mode, spot mode, grid mode

5. Why should you use caution when editing synchronized material in Shuffle mode? When is Shuffle mode useful?

Clip movement is constrained by other clips

6. How does editing a clip in Slip mode affect the timing of other clips on the track? (See “Slip Mode” beginning on page 56.)

Clips can be moved / edited freely without affecting placement of other clips

7. When is it helpful to work in Spot mode? When it is helpful to work in Grid mode? (See “Spot Mode” and “Grid Mode” beginning on page 57.)

When Spot mode is enabled, Pro Tools prompts you with a dialog box whenever you click on a clip with the Grabber tool or Trim tool.

8. What are some ways to set the Main Time Scale in Pro Tools? (See “Main Time Scale” beginning on page 59.)

The Main Counter in the Edit window, The Main Location Indicator in the Transport window, Selection Start, End, and Length values in either window

9. What are the two types of Rulers available in Pro Tools? What is the difference between them? (See “Ruler Display Options” beginning on page 60.)

Bars|Beats, Min:Sec, Samples, Timecode, Timecode 2, Feet+Frames

10. What are some ways to hide Rulers that you do not need displayed in a session? (See “Hiding Rulers” beginning on page 61.)

Choose **VIEW > RULERS** and click on a checked Ruler to deselect it. **OPTION-CLICK (Mac)** or **ALT-CLICK (Windows)** directly on a Ruler’s name in the Timeline display area

11. Which Pro Tools windows provide access to MIDI controls, such as Wait for Note, Metronome, and MIDI Merge? (See “MIDI Control Features” beginning on page 62.)

The **Edit and Transport** windows provide access to various additional controls and options that affect playback and recording operations

12. What is the purpose of the Metronome button in the MIDI Controls area? What kind of track must be added to a session for the Metronome button to work? (See “Metronome” beginning on page 62.)

The **Metronome** button is used in conjunction with a click track and controls whether or not the click will be audible

13. What are the two states or modes available for controlling the current session tempo? How can you switch between these modes? (See “Tempo Ruler Enable” beginning on page 63.)

**Tempo Map mode and Manual Tempo mode.**

14. What is displayed by the Tempo field in the MIDI Controls area? What are some ways to set the session tempo using this field? (See “Tempo Field” beginning on page 64.)

The **Tempo** field displays the session’s current tempo based on the play location. In **Manual Tempo mode** (or when the session tempo has not yet been defined) you can enter a **BPM** value directly into this field. In addition, when the **Tempo** field is selected, you can tap in a tempo from a **MIDI controller** or from the computer keyboard using the **T** key.