

# Mirror the Passage: Symmetrical Inversion

Reflect each right-hand (RH) passage into the left hand (LH).

## 1 · SET THE MIRROR

Items 1–5: axis D4 (MIDI 62). Item 6: axis A $\flat$ 3 (MIDI 56). C4 is middle C. Count semitones from the axis to the RH note; go the same distance the other way.

A semitone is one half step: move to the next piano key, black or white. D4 to C4 is two half steps; two half steps above D4 is E4. For a keyboard diagram and mirror table, see Handout 401, *The Mirror Keyboard: D and A $\flat$* .

LH = 2 × axis – RH (MIDI numbers). Keep the rhythm and fingers. Upper blanks: LH note + octave (e.g., E4); lower blanks: finger. #/b names for the same key are accepted.

## 2 · WRITE THE LEFT-HAND MIRROR

### 1 · Five-finger arch — axis D4



### 2 · Five-finger turns — axis D4



### 3 · Broken chord — axis D4



### 4 · Thumb under at F — axis D4



### 5 · Black-key neighbors — axis D4



### 6 · A $\flat$ axis — axis A $\flat$ 3 (G#3)



**Try it** Choose one hard RH bar from your piece. Choose a D or A $\flat$  axis that places the mirror in a comfortable LH register, and write down that axis with its octave number. Work out the LH notes with the formula, then practice that version for one week. Keep the same fingers. Pianist Marc-André Hamelin practices this way; research on whether practice in one hand transfers to the other is mixed, so treat the week as an experiment.



Listen: [tissimo.co/worksheets/mirror-the-passage](https://tissimo.co/worksheets/mirror-the-passage)

Check yourself: each RH bar, a pause, then its LH mirror. · Piano, 80 BPM

Answers · note name + octave; finger in parentheses. Enharmonic spellings accepted.  
1. E4(1) · D4(2) · C4(3) · B3(4) · A3(5) · G3(4) · F3(3) · E3(2)  
2. C4(3) · D4(2) · E4(1) · D4(2) · C4(3) · B3(4) · A3(5) · G3(4)  
3. E4(1) · C4(3) · A3(5) · G3(4) · F3(3) · E3(2) · D4(1) · C4(2)  
4. E4(1) · D4(2) · C4(3) · B3(4) · A3(5) · G3(4) · F3(3) · E3(2)  
5. D4(1) · C4(2) · B3(3) · A3(4) · G3(5) · F3(4) · E3(3) · D4(2)  
6. E3(1) · D3(2) · C3(3) · B2(4) · A2(5) · G2(4) · F2(3) · E2(2)