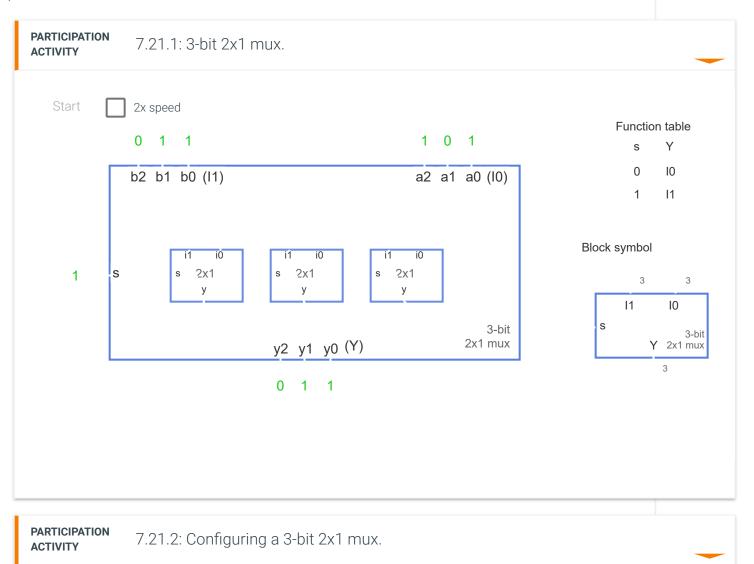
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7.21 N-bit muxes

Commonly, multiple data bits are muxed.

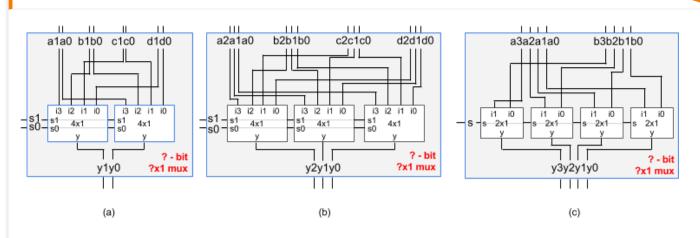


Configure a 3-bit 2x1 to obtain the desired result.

- 1) If s = 1, y2y1y0 = ?
 - O a2a1a0
 - O b2b1b0
- 2) To pass a2a1a0 to y2y1y0, s = ?
 - 0 0
 - 0 1
- 3) To pass I1 to Y, s = ?
 - 0 0
 - 0 1

PARTICIPATION ACTIVITY

7.21.3: Different mux sizes.



- (a)
- (b) (c)

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Provide feedback on this section

4-bit 2x1 mux
2-bit 4x1 mux
3-bit 4x1 mux
Reset