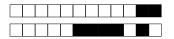
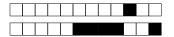


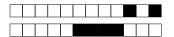
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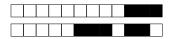
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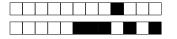
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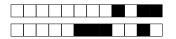




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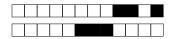
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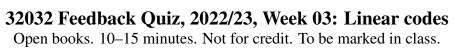
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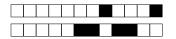


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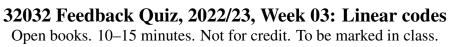
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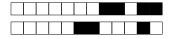
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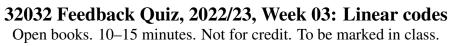
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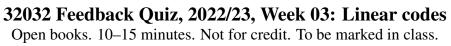
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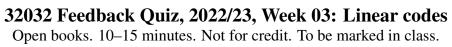


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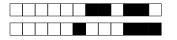
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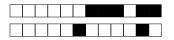


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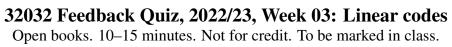
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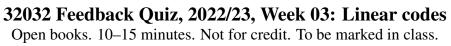
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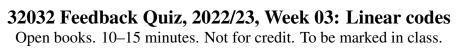


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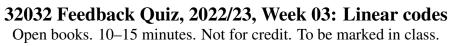


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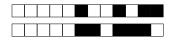


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• $d(C) = \square$ .	
Tick true statements:	
C is a trivial code	
C is a repetition code	
$\bigcap$ C is a zero sum code	
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Recall that a <b>linear code</b> is a subspace of the vector space $\mathbb{F}_q^n$ .
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$C = \{0000, 0112, 0221, 2011, 1022, 2120, 1210, \underline{x}, \underline{y}\}$
is a ternary linear code, fill in the correct responses below.
• $C$ is adimensional vector space over the field $\mathbb{F}_{\underline{\hspace{1cm}}}$ .
• A generator matrix of C has rows and columns.
• The codevectors $\underline{x}$ , $\underline{y}$ are (write in either order) and .
• $w(C) = \square$ .
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