

A2.A.43: Defining Functions: Determine if a function is one-to-one, onto, or both

1 Which function is *not* one-to-one?

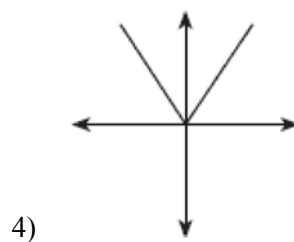
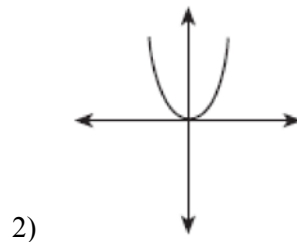
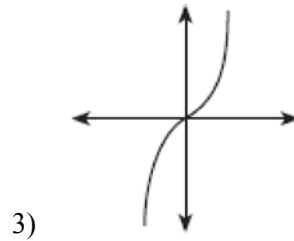
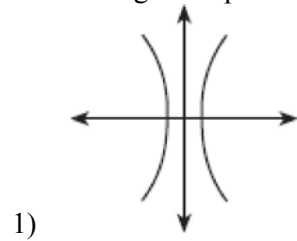
1) $\{(0, 1), (1, 2), (2, 3), (3, 4)\}$

3) $\{(0, 1), (1, 0), (2, 3), (3, 2)\}$

2) $\{(0, 0), (1, 1), (2, 2), (3, 3)\}$

4) $\{(0, 1), (1, 0), (2, 0), (3, 2)\}$

2 Which diagram represents a one-to-one function?



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Answer Section

1	ANS: 4	PTS: 2	REF: fall0906a2
2	ANS: 3	PTS: 2	REF: 060216b