

MENYATAKAN FUNGSI DAN BUKAN FUNGSI



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Perhatikan contoh fungsi dan bukan fungsi dan relasi dari himpunan $A = \{1, 2, 3\}$ ke himpunan $B = \{a, b\}$ berikut !

Tabel 3.5 Contoh fungsi dan bukan fungsi

Contoh Fungsi	Contoh Bukan Fungsi
1. $\{(1, a), (2, a), (3, a)\}$	1. $\{(1, a), (2, a), (2, b)\}$
2. $\{(1, b), (2, b), (3, b)\}$	2. $\{(1, b), (2, a), (2, b)\}$
3. $\{(1, a), (2, a), (3, b)\}$	3. $\{(1, a), (1, b), (3, b)\}$
4. $\{(1, a), (2, b), (3, a)\}$	4. $\{(2, a), (2, b), (3, a)\}$
5. $\{(1, a), (2, b), (3, b)\}$	5. $\{(2, a), (2, b), (2, c)\}$
6. $\{(1, b), (2, a), (3, a)\}$	6. $\{(1, b), (2, a), (2, b)\}$
7. $\{(1, b), (2, b), (3, a)\}$	7. $\{(3, a), (3, b), (3, c)\}$
8. $\{(1, b), (2, a), (3, b)\}$	8. $\{(1, b), (2, a), (3, b)\}$

Nyatakan himpunan pasangan berurutan di bawah ini termasuk fungsi atau bukan fungsi

$\{(1, a), (2, a), (3, a)\}$	
$\{(1, b), (2, b), (3, b)\}$	
$\{(1, a), (2, a), (3, b)\}$	
$\{(1, a), (2, b), (3, a)\}$	
$\{(1, a), (2, b), (3, b)\}$	
$\{(1, b), (2, a), (3, a)\}$	
$\{(1, b), (2, b), (3, a)\}$	
$\{(1, b), (2, a), (3, b)\}$	
$\{(1, a), (2, a), (2, b)\}$	
$\{(1, b), (2, a), (2, b)\}$	
$\{(1, a), (1, b), (3, b)\}$	
$\{(2, a), (2, b), (3, a)\}$	
$\{(2, a), (2, b), (2, c)\}$	
$\{(1, b), (2, a), (2, b)\}$	
$\{(3, a), (3, b), (3, c)\}$	
$\{(1, b), (2, a), (3, b)\}$	