Piecewise functions

Name _____ **Date** _____

$f(x) = x^2$ if $x < 1$; $2x - 1$ if $1 \le x \le 3$; $8 - x$ if $x > 3$. Evaluate.

Problem	Answer	Problem	Answer
1. f(-2)		6. f(3)	
2. f(0)		7. f(3.5)	
3. f(0.5)		8. f(5)	
4. f(1)		9. f(8)	
5. f(2)		10. f(-1)	

Notes

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Answer key — Piecewise functions

#	Problem	Answer
1	f(-2)	4
2	f(0)	0
3	f(0.5)	0.25
4	f(1)	1
5	f(2)	3
6	f(3)	5
7	f(3.5)	4.5
8	f(5)	3
9	f(8)	0
10	f(-1)	1

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