2)
$$\lim_{x \to 2^{-}} ax^{2} + 2 - b = \lim_{x \to 2^{+}} ax + b$$
 $\lim_{x \to 2^{-}} 4x + 2 - b = 2x + b$
 $\lim_{x \to 3^{-}} 4x + 2 - b = 2x + b$
 $\lim_{x \to 5} 4x + 2 - b = \lim_{x \to 5} 2ax - 7$
 $\lim_{x \to 5} 4x + 5 = \lim_{x \to 5} 2ax - 7$
 $\lim_{x \to 5} 5a + b = 2a + 7$
 $\lim_{x \to 5} 5a + b = 2a + 7$
 $\lim_{x \to 5} 5a + b = 2a + 7$
 $\lim_{x \to 5} 5a + b = 2a + 7$
 $\lim_{x \to 5} 5a + b = 2a + 7$
 $\lim_{x \to 5} 5a + b = 2a + 7$
 $\lim_{x \to 7} 5b + 3b + 2 + 2 - 7$
 $\lim_{x \to 7} 6b - 5 = 2b + 6$
 $\lim_{x \to 7} 6b - 5 = 2b + 6$
 $\lim_{x \to 7} 6b - 5 = 2b + 6$
 $\lim_{x \to 7} 6b - 5 = 2b + 6$
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 $\lim_{x \to 7} 6b - 5 = 2b + 6$
 $\lim_{x \to 7} 6b - 7 = 7$
 $\lim_{x \to 7} 6$