



DERIVATIVE MATCHING

<https://aiminghigh.aimssec.ac.za/derivative-matching/>

$f(x) = 3x^2 - 2x + 1$	$f'(x) = 8x - 3$	$f'(-1) = 9$	$f(-1) = -5$
$f(x) = x^2 - 8$	$f'(x) = 2x - 2$	$f'(2) = 10$	$f(2) = 12$
$f(x) = 3 + x - 4x^2$	$f'(x) = 2x$	$f'(-1) = -4$	$f(0) = 1$
$f(x) = x^2 - 2x - 8$	$f'(x) = 6x - 2$	$f'(1) = 5$	$f(1) = 0$
$f(x) = 4x^2 - 3x + 2$	$f'(x) = 1 - 8x$	$f'(4) = 8$	$f(3) = 1$

From the AIMINGHIGH website you can download 20 cards for matching into 5 sets of 4 cards. Match the five functions with their derivatives and values of the functions and derivatives.

CARD MATCHING GAME

Turn the cards over and make it a game. Players take turns to turn over 2 cards. If the pair match, the player keeps the cards. If not, the cards are turned face down in the same spot. The player with most cards at the end wins the game.

This is an excellent way to revise and remind yourself of what you should know. It's best done with a partner or in a small group.