

Name			
Forming composite functions			
$\frac{2}{x^2}$	$4x - 2$	$4x - 8$	$(6 - x)^2$
$6 - x^2$	$2(x + 2)^2$	$(x + 3)^2$	$2x^2 + 2$
$\frac{1}{(x + 2)^2}$	$x^2 + 3$	$(x - 2)^2 + 1$	$\frac{1}{x^2} + 2$
$6 - \frac{1}{x}$	$2x + 4$	$\frac{1}{4x^2}$	$\frac{1}{6 - x}$

Name			
Forming composite functions			
$4(x^2 + 1)$	$16x^2 + 1$	$\frac{1}{x + 2}$	$\frac{1}{x} + 2$
$\frac{1}{x^2}$	$(6 - x)^2$	$4x - 8$	$2x + 2$
$\frac{2}{x^2}$	$\frac{1}{x^2}$	$\frac{1}{2x^2}$	$4x - 2$
$2x^2$	$(x + 3)^2$	$2(x + 2)^2$	$x^2 + 3$

Name			
Forming composite functions			
$6 - \frac{1}{x}$	$6 - x^2$	$2x + 4$	$(x - 2)^2 + 1$
$2x + 3$	$\frac{1}{x} + 2$	$\frac{2}{x^2}$	$\frac{1}{x + 2}$
$2x + 6$	$4x - 8$	$4x^2$	$x^2 - 1$
$\frac{2}{x^2}$	$\frac{1}{x^2}$	$2(x + 2)^2$	$(6 - x)^2$

Name			
Forming composite functions			
$4x - 2$	$\frac{1}{2x^2}$	$\frac{1}{x^2} + 2$	$(x + 3)^2$
$(x - 2)^2 + 1$	$4(x^2 + 1)$	$\frac{1}{6 - x}$	$x^2 + 3$
$2x + 2$	$6 - \frac{1}{x}$	$16x^2 + 1$	$2x + 3$
$\frac{1}{x + 2}$	$2x + 4$	$\frac{1}{x} + 2$	$2x^2$

Name			
Forming composite functions			
$2(x+2)^2$	$x^2 - 1$	$2x^2 + 2$	$4x - 8$
$\frac{1}{(x+2)^2}$	$(x+3)^2$	$\frac{1}{x^2}$	$4x^2$
$6 - x^2$	$4x - 2$	$2x + 6$	$\frac{1}{2x^2}$
$\frac{1}{6-x}$	$2x + 3$	$\frac{2}{x^2}$	$\frac{2}{x^2}$

Name			
Forming composite functions			
$4(x^2 + 1)$	$(x-2)^2 + 1$	$x^2 - 1$	$16x^2 + 1$
$4x - 8$	$(6-x)^2$	$\frac{1}{4x^2}$	$2x^2 + 2$
$\frac{1}{x^2}$	$4x^2$	$(x+3)^2$	$6 - x^2$
$2(x+2)^2$	$\frac{1}{6-x}$	$x^2 + 3$	$\frac{1}{x^2}$

Name			
Forming composite functions			
$\frac{1}{x^2} + 2$	$\frac{2}{x^2}$	$4x - 2$	$\frac{1}{x} + 2$
$(x-2)^2 + 1$	$2x + 4$	$2x^2$	$\frac{1}{x+2}$
$2x + 3$	$16x^2 + 1$	$2x + 2$	$(x+3)^2$
$\frac{1}{(x+2)^2}$	$\frac{1}{2x^2}$	$\frac{2}{x^2}$	$\frac{1}{6-x}$

Name			
Forming composite functions			
$2x + 6$	$4(x^2 + 1)$	$\frac{1}{x^2}$	$\frac{1}{4x^2}$
$6 - \frac{1}{x}$	$6 - x^2$	$(6-x)^2$	$4x - 8$
$2x^2 + 2$	$\frac{1}{x+2}$	$2(x+2)^2$	$2x + 3$
$\frac{1}{(x+2)^2}$	$2x + 4$	$x^2 + 3$	$x^2 - 1$

Name			
Forming composite functions			
$2x^2$	$4x - 2$	$\frac{2}{x^2}$	$(x + 3)^2$
$2x + 6$	$\frac{1}{x^2}$	$2x^2 + 2$	$(x - 2)^2 + 1$
$\frac{2}{x^2}$	$16x^2 + 1$	$4x^2$	$(6 - x)^2$
$4(x^2 + 1)$	$6 - \frac{1}{x}$	$\frac{1}{x} + 2$	$2x + 2$

Name			
Forming composite functions			
$\frac{1}{(x + 2)^2}$	$2x + 4$	$16x^2 + 1$	$2x + 3$
$\frac{1}{2x^2}$	$2x^2$	$\frac{1}{x^2}$	$\frac{2}{x^2}$
$\frac{1}{6 - x}$	$2x + 6$	$6 - \frac{1}{x}$	$\frac{1}{x} + 2$
$x^2 - 1$	$4x - 2$	$4(x^2 + 1)$	$x^2 + 3$

Name			
Forming composite functions			
$2x^2 + 2$	$\frac{1}{(x + 2)^2}$	$(x - 2)^2 + 1$	$2x + 6$
$\frac{2}{x^2}$	$2x + 2$	$2x^2$	$2x + 3$
$6 - x^2$	$\frac{1}{2x^2}$	$2x + 4$	$4(x^2 + 1)$
$2(x + 2)^2$	$\frac{1}{4x^2}$	$(x + 3)^2$	$(6 - x)^2$

Name			
Forming composite functions			
$\frac{1}{x} + 2$	$6 - x^2$	$\frac{1}{x^2}$	$\frac{2}{x^2}$
$\frac{1}{x^2} + 2$	$2(x + 2)^2$	$\frac{1}{4x^2}$	$2x + 6$
$16x^2 + 1$	$\frac{1}{x^2}$	$\frac{1}{x + 2}$	$\frac{1}{6 - x}$
$6 - \frac{1}{x}$	$x^2 - 1$	$4x - 8$	$(x + 3)^2$

Name			
Forming composite functions			
$2x^2 + 2$	$(x - 2)^2 + 1$	$2(x + 2)^2$	$2x^2$
$\frac{1}{x^2} + 2$	$\frac{1}{(x + 2)^2}$	$2x + 3$	$2x + 2$
$(6 - x)^2$	$4x^2$	$2x + 4$	$\frac{1}{x + 2}$
$\frac{2}{x^2}$	$6 - x^2$	$\frac{1}{x^2}$	$4x - 8$

Name			
Forming composite functions			
$\frac{2}{x^2}$	$6 - \frac{1}{x}$	$4x^2$	$16x^2 + 1$
$\frac{1}{x^2} + 2$	$4(x^2 + 1)$	$\frac{1}{4x^2}$	$2(x + 2)^2$
$x^2 - 1$	$(6 - x)^2$	$\frac{1}{x} + 2$	$2x + 6$
$2x^2 + 2$	$\frac{1}{x^2}$	$2x + 4$	$6 - x^2$

Name			
Forming composite functions			
$(x - 2)^2 + 1$	$2x + 2$	$\frac{1}{(x + 2)^2}$	$4x - 8$
$2x + 3$	$(x + 3)^2$	$2x^2$	$\frac{2}{x^2}$
$\frac{1}{x + 2}$	$(6 - x)^2$	$6 - \frac{1}{x}$	$\frac{1}{x^2}$
$\frac{1}{2x^2}$	$2x^2 + 2$	$\frac{1}{4x^2}$	$2(x + 2)^2$

Name			
Forming composite functions			
$6 - x^2$	$\frac{1}{6 - x}$	$2x + 4$	$\frac{1}{(x + 2)^2}$
$x^2 - 1$	$4(x^2 + 1)$	$\frac{2}{x^2}$	$2x + 6$
$4x - 2$	$(x - 2)^2 + 1$	$2x + 2$	$\frac{1}{2x^2}$
$\frac{1}{x^2}$	$x^2 + 3$	$\frac{1}{x^2} + 2$	$(x + 3)^2$

Name			
Forming composite functions			
$2x^2$	$6 - x^2$	$2x + 4$	$2x^2 + 2$
$(6 - x)^2$	$\frac{2}{x^2}$	$4(x^2 + 1)$	$x^2 - 1$
$6 - \frac{1}{x}$	$\frac{1}{x} + 2$	$\frac{1}{x^2}$	$\frac{2}{x^2}$
$4x - 2$	$(x - 2)^2 + 1$	$4x - 8$	$\frac{1}{2x^2}$

Name			
Forming composite functions			
$\frac{1}{4x^2}$	$2x + 2$	$4x^2$	$2x + 4$
$(6 - x)^2$	$\frac{1}{x + 2}$	$4x - 2$	$4x - 8$
$6 - \frac{1}{x}$	$2(x + 2)^2$	$(x - 2)^2 + 1$	$4(x^2 + 1)$
$(x + 3)^2$	$\frac{1}{x^2} + 2$	$16x^2 + 1$	$2x + 6$

Name			
Forming composite functions			
$2x + 3$	$\frac{2}{x^2}$	$\frac{1}{2x^2}$	$2x + 4$
$x^2 + 3$	$\frac{1}{x^2}$	$2(x + 2)^2$	$\frac{1}{x} + 2$
$6 - x^2$	$2x^2 + 2$	$\frac{1}{x^2}$	$(x + 3)^2$
$\frac{2}{x^2}$	$\frac{1}{6 - x}$	$\frac{1}{x + 2}$	$4x^2$

Name			
Forming composite functions			
$(6 - x)^2$	$4x - 2$	$2x^2 + 2$	$\frac{1}{2x^2}$
$4x - 8$	$6 - x^2$	$x^2 - 1$	$2x + 6$
$\frac{1}{(x + 2)^2}$	$(x - 2)^2 + 1$	$2(x + 2)^2$	$\frac{1}{x^2}$
$x^2 + 3$	$4(x^2 + 1)$	$\frac{2}{x^2}$	$2x + 4$

Name			
Forming composite functions			
$\frac{1}{x^2}$	$\frac{1}{4x^2}$	$\frac{1}{x+2}$	$(x-2)^2 + 1$
$\frac{2}{x^2}$	$\frac{1}{6-x}$	$2x+3$	$2x+6$
$\frac{1}{x} + 2$	$4x-2$	x^2+3	$16x^2+1$
$\frac{1}{(x+2)^2}$	$4x-8$	$\frac{1}{x^2} + 2$	$2x+2$

Name			
Forming composite functions			
$2(x+2)^2$	$\frac{1}{4x^2}$	x^2-1	$4x^2$
$6-\frac{1}{x}$	$\frac{1}{6-x}$	$\frac{2}{x^2}$	$\frac{1}{x+2}$
$\frac{1}{2x^2}$	$2x^2$	$4(x^2+1)$	$6-x^2$
$\frac{1}{x} + 2$	$2x^2+2$	$(6-x)^2$	$\frac{1}{x^2} + 2$

Name			
Forming composite functions			
$2(x+2)^2$	$(x+3)^2$	$4x-2$	$2x^2+2$
$2x+6$	$2x+3$	$\frac{2}{x^2}$	$\frac{1}{x^2}$
$16x^2+1$	$2x+4$	$\frac{2}{x^2}$	$4(x^2+1)$
$4x-8$	$\frac{1}{(x+2)^2}$	$\frac{1}{2x^2}$	$(6-x)^2$

Name			
Forming composite functions			
$(x-2)^2 + 1$	x^2-1	$\frac{1}{x} + 2$	$\frac{2}{x^2}$
$\frac{1}{6-x}$	$(x+3)^2$	$2x+6$	$\frac{1}{x^2}$
$2x+2$	$6-\frac{1}{x}$	$4x^2$	x^2+3
$4x-8$	$2x+3$	$\frac{1}{x+2}$	$\frac{1}{4x^2}$

Name			
Forming composite functions			
$2x^2 + 2$	$x^2 - 1$	$(6 - x)^2$	$6 - \frac{1}{x}$
$\frac{1}{(x + 2)^2}$	$\frac{1}{6 - x}$	$2x + 4$	$\frac{1}{x^2}$
$16x^2 + 1$	$\frac{1}{x^2}$	$6 - x^2$	$\frac{1}{x + 2}$
$(x - 2)^2 + 1$	$4x - 2$	$\frac{1}{x} + 2$	$\frac{1}{2x^2}$

Name			
Forming composite functions			
$4x - 8$	$\frac{1}{x^2} + 2$	$\frac{1}{x^2}$	$6 - \frac{1}{x}$
$4x^2$	$\frac{1}{4x^2}$	$2x + 2$	$\frac{1}{(x + 2)^2}$
$x^2 + 3$	$4(x^2 + 1)$	$6 - x^2$	$(6 - x)^2$
$2x + 3$	$(x + 3)^2$	$2x^2$	$\frac{1}{2x^2}$

Name			
Forming composite functions			
$(x - 2)^2 + 1$	$\frac{1}{x} + 2$	$\frac{1}{x^2} + 2$	$(x + 3)^2$
$\frac{1}{x^2}$	$x^2 - 1$	$x^2 + 3$	$6 - x^2$
$\frac{2}{x^2}$	$2x + 3$	$4(x^2 + 1)$	$(6 - x)^2$
$2x + 4$	$\frac{1}{x + 2}$	$2x + 2$	$\frac{1}{6 - x}$

Name			
Forming composite functions			
$\frac{1}{x^2}$	$\frac{1}{(x + 2)^2}$	$16x^2 + 1$	$\frac{1}{x} + 2$
$4x - 8$	$2(x + 2)^2$	$2x^2$	$2x^2 + 2$
$\frac{2}{x^2}$	$(x - 2)^2 + 1$	$2x + 6$	$4x^2$
$\frac{2}{x^2}$	$\frac{1}{x + 2}$	$\frac{1}{2x^2}$	$x^2 + 3$

Name			
Forming composite functions			
$2x + 3$	$x^2 - 1$	$6 - \frac{1}{x}$	$(x - 2)^2 + 1$
$6 - x^2$	$2x + 4$	$\frac{1}{x^2}$	$4x - 8$
$2x + 2$	$4(x^2 + 1)$	$4x - 2$	$2x^2$
$(6 - x)^2$	$\frac{1}{6 - x}$	$\frac{1}{4x^2}$	$2x^2 + 2$

Name			
Forming composite functions			
$2x + 3$	$\frac{1}{(x + 2)^2}$	$\frac{1}{x + 2}$	$\frac{1}{x^2}$
$x^2 + 3$	$2x + 2$	$6 - x^2$	$\frac{1}{4x^2}$
$\frac{1}{2x^2}$	$4(x^2 + 1)$	$(6 - x)^2$	$(x - 2)^2 + 1$
$\frac{1}{x^2} + 2$	$4x^2$	$6 - \frac{1}{x}$	$4x - 2$

Name			
Forming composite functions			
$\frac{2}{x^2}$	$\frac{2}{x^2}$	$2x + 2$	$\frac{1}{x^2}$
$2x^2$	$2x + 4$	$4x - 8$	$16x^2 + 1$
$(x + 3)^2$	$2x + 6$	$4(x^2 + 1)$	$6 - \frac{1}{x}$
$2(x + 2)^2$	$\frac{1}{6 - x}$	$2x + 3$	$\frac{1}{x^2}$

Name			
Forming composite functions			
$\frac{1}{x + 2}$	$2x^2 + 2$	$\frac{1}{6 - x}$	$\frac{1}{(x + 2)^2}$
$4x - 2$	$x^2 + 3$	$\frac{1}{4x^2}$	$2x + 2$
$x^2 - 1$	$2x^2$	$\frac{1}{x^2} + 2$	$\frac{1}{x^2}$
$\frac{1}{x} + 2$	$2x + 4$	$4x^2$	$(x - 2)^2 + 1$

Name			
Forming composite functions			
$2x + 3$	$4x - 2$	$x^2 + 3$	$\frac{1}{(x+2)^2}$
$\frac{1}{x+2}$	$2x^2 + 2$	$\frac{1}{6-x}$	$\frac{2}{x^2}$
$4(x^2 + 1)$	$4x - 8$	$2x + 6$	$\frac{1}{x^2}$
$\frac{2}{x^2}$	$x^2 - 1$	$(6 - x)^2$	$2(x + 2)^2$

Name			
Forming composite functions			
$\frac{1}{4x^2}$	$2x + 3$	$16x^2 + 1$	$6 - \frac{1}{x}$
$2x + 2$	$\frac{1}{x} + 2$	$2x^2 + 2$	$2x + 4$
$4(x^2 + 1)$	$\frac{2}{x^2}$	$4x - 2$	$x^2 - 1$
$(x - 2)^2 + 1$	$\frac{1}{x^2} + 2$	$6 - x^2$	$2(x + 2)^2$

Name			
Forming composite functions			
$4x^2$	$x^2 + 3$	$2x + 2$	$4x - 2$
$\frac{1}{4x^2}$	$\frac{1}{x^2}$	$\frac{1}{x^2}$	$\frac{1}{6-x}$
$4x - 8$	$(6 - x)^2$	$4x - 2$	$2x^2$
$\frac{1}{(x+2)^2}$	$\frac{2}{x^2}$	$\frac{1}{6-x}$	$\frac{1}{x+2}$

Name			
Forming composite functions			
$x^2 - 1$	$\frac{1}{(x+2)^2}$	$(x - 2)^2 + 1$	$\frac{1}{x^2}$
$6 - x^2$	$4x - 8$	$\frac{1}{4x^2}$	$4(x^2 + 1)$
$6 - \frac{1}{x}$	$x^2 + 3$	$\frac{1}{x^2}$	$\frac{1}{x+2}$
$2(x + 2)^2$	$2x + 3$	$\frac{1}{2x^2}$	$2x^2$

Name			
Forming composite functions			
$2x + 4$	$4x - 2$	$\frac{2}{x^2}$	$x^2 - 1$
$\frac{1}{6 - x}$	$\frac{1}{(x + 2)^2}$	$6 - x^2$	$4x - 8$
$16x^2 + 1$	$6 - \frac{1}{x}$	$(x - 2)^2 + 1$	$2(x + 2)^2$
$\frac{2}{x^2}$	$2x + 3$	$2x^2 + 2$	$(6 - x)^2$

Name			
Forming composite functions			
$4x^2$	$\frac{1}{6 - x}$	$2x + 3$	$\frac{1}{x^2} + 2$
$\frac{1}{x + 2}$	$\frac{2}{x^2}$	$16x^2 + 1$	$(x - 2)^2 + 1$
$4(x^2 + 1)$	$6 - \frac{1}{x}$	$x^2 + 3$	$(x + 3)^2$
$\frac{1}{2x^2}$	$\frac{1}{(x + 2)^2}$	$2x^2 + 2$	$\frac{1}{x} + 2$

Name			
Forming composite functions			
$2x + 2$	$\frac{1}{2x^2}$	$2x + 3$	$\frac{1}{x^2}$
$4x^2$	$2x + 6$	$(6 - x)^2$	$\frac{2}{x^2}$
$2(x + 2)^2$	$\frac{1}{4x^2}$	$6 - x^2$	$\frac{1}{(x + 2)^2}$
$2x + 4$	$2x^2$	$\frac{2}{x^2}$	$\frac{1}{x^2}$

Name			
Forming composite functions			
$\frac{1}{x + 2}$	$(x + 3)^2$	$6 - \frac{1}{x}$	$\frac{1}{2x^2}$
$4x^2$	$2x^2 + 2$	$2(x + 2)^2$	$16x^2 + 1$
$x^2 - 1$	$(x - 2)^2 + 1$	$6 - x^2$	$\frac{1}{6 - x}$
$2x + 4$	$\frac{1}{x^2} + 2$	$2x + 2$	$2x + 3$