7. Which of the following are correct calculations for difference quotient of:
$x(f) = 9f + 8$

$x(f) = 9f + 8$
$x(f+h) = 9(f+h) + 8$
$= 9f + 9h + 8$
$\frac{x(f+h) - x(f)}{h} = \frac{(9f+9h+8) - (9(f+1)+8)}{h}$
$= \frac{9h}{h}$
$= \frac{h(9)}{h}$
$= 9$

$x(f) = 9f + 8$
$x(f+h) = 9(f+h) + 8$
$= 9f + 9h + 17$
$\frac{x(f+h) - x(f)}{h} = \frac{(9f+9h+17) - (9f+8)}{h}$
$= \frac{9h}{h}$
$= \frac{h(9)}{h}$
$= 9$

$x(f) = 9f + 8$
$x(f+h) = 9(f+h) + 8$
$= 9f + 9h + 8$
$\frac{x(f+h) - x(f)}{h} = \frac{(9f+9h+8) - (9f+8)}{h}$
$= \frac{9h}{h}$
$= \frac{h(9)}{h}$
$= 9$

$x(f) = 9f + 8$
$x(f+h) = 9(f+h) + 8$
$= 9f + 9h - 1$
$\frac{x(f+h) - x(f)}{h} = \frac{(9f+9h+26) - (9f+8)}{h}$
$= \frac{9h}{h}$
$= \frac{h(9)}{h}$
$= 9$

Solution