

Function Table

MS1

Complete each function table.

1) $f(x) = -8x^2 + 2x - \frac{1}{5}$

x	$-\frac{1}{8}$	0	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
$f(x)$					

2) $f(x) = \frac{9}{4}x^2 - \frac{3}{2}x - 3$

x	$-\frac{1}{3}$	0	$\frac{1}{3}$	$\frac{2}{3}$	1
$f(x)$					

3) $f(x) = \frac{3}{4}x^2 + 6x$

x	-6	-5
$f(x)$		

$+\frac{8}{3}x + 5$

	1	$\frac{4}{3}$	$\frac{5}{3}$	2

5) $f(x) = -\frac{6}{5}x^2 - \frac{2}{5}$

x	$-\frac{1}{2}$	$-\frac{1}{3}$
$f(x)$		

$-\frac{10}{7}x$

	0	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

7) $f(x) = 81x^2 + 18x - 17$

x	$-\frac{1}{3}$	$-\frac{2}{9}$	$-\frac{1}{9}$	0	$\frac{1}{9}$
$f(x)$					

8) $f(x) = -\frac{7}{6}x^2 - 14x - 1$

x	-8	-7	-6	-5	-4
$f(x)$					

Answer key**Function Table**

MS1

Complete each function table.

1) $f(x) = -8x^2 + 2x - \frac{1}{5}$

x	$-\frac{1}{8}$	0	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$
$f(x)$	$-\frac{23}{40}$	$-\frac{1}{5}$	$-\frac{3}{5}$	$-\frac{1}{4}$	$-\frac{23}{40}$

2) $f(x) = \frac{9}{4}x^2 - \frac{3}{2}x - 3$

x	$-\frac{1}{3}$	0	$\frac{1}{3}$	$\frac{2}{3}$	1
$f(x)$	$-\frac{9}{4}$	-3	$-\frac{13}{4}$	-3	$-\frac{9}{4}$

3) $f(x) = \frac{3}{4}x^2 + 6x$

x	-6	-5
$f(x)$	$-\frac{13}{2}$	$-\frac{35}{4}$

$+\frac{8}{3}x + 5$

1	$\frac{4}{3}$	$\frac{5}{3}$	2
$\frac{20}{3}$	$\frac{61}{9}$	$\frac{20}{3}$	$\frac{19}{3}$

5) $f(x) = -\frac{6}{5}x^2 - \frac{2}{5}$

x	$-\frac{1}{2}$	$-\frac{1}{3}$
$f(x)$	$\frac{37}{30}$	$\frac{4}{3}$

$-\frac{10}{7}x$

0	$\frac{1}{7}$	$\frac{2}{7}$	$\frac{3}{7}$
0	$-\frac{5}{49}$	0	$\frac{15}{49}$

7) $f(x) = 81x^2 + 18x - 17$

x	$-\frac{1}{3}$	$-\frac{2}{9}$	$-\frac{1}{9}$	0	$\frac{1}{9}$
$f(x)$	-14	-17	-18	-17	-14

8) $f(x) = -\frac{7}{6}x^2 - 14x - 1$

x	-8	-7	-6	-5	-4
$f(x)$	$\frac{109}{3}$	$\frac{239}{6}$	41	$\frac{239}{6}$	$\frac{109}{3}$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com