

Function Table - Mixed Functions

A) Complete each function table.

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

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

2) $f(x) = \frac{x}{6(1-x)}$

x	f(x)
$\frac{5}{6}$	
$\frac{4}{3}$	
2	

3) $f(x) = x^2 - 8.2x - 0.8$

x	f(x)
-8	
-5	
-1	
0	
2	

B) Complete the function table for the following questions

x	
f(x)	

i) What is the value of $f(5.6)$?

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 and answer the

5.6	8.1

_____ value of $f(-9)$?

C) Complete the function table

f(x)	$\sqrt{1-x}$	$(3^x - 2)$	$\frac{x^5}{9}$
f(-3)			
f(-2)			
f(-1)			

Function Table - Mixed Functions

A) Complete each function table.

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

x	$f(x)$
-3	23
$-\frac{2}{3}$	$-\frac{956}{243}$
0	-4
1	$-\frac{11}{3}$
$\frac{3}{2}$	$-\frac{37}{16}$

2) $f(x) = \frac{x}{6(1-x)}$

x	$f(x)$
$\frac{5}{6}$	$\frac{5}{6}$
$\frac{4}{3}$	$-\frac{2}{3}$
2	$-\frac{1}{3}$

3) $f(x) = x^2 - 8.2x - 0.8$

x	$f(x)$
-8	128.8
-5	65.2
-1	8.4
0	-0.8
2	-13.2

B) Complete the function table for the following questions

x	
$f(x)$	

i) What is the value of $f(5)$?**25**

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 and answer the

5.6	8.1
0.6	55.6

What is the value of $f(-9)$?

C) Complete the function table for the following questions

$f(x)$	$\sqrt{1-x}$	$(3^x - 2)$	$\frac{x^5}{9}$
$f(-3)$	2	$-\frac{53}{27}$	-27
$f(-2)$	$\sqrt{3}$	$-\frac{17}{9}$	$-\frac{32}{9}$
$f(-1)$	$\sqrt{2}$	$-\frac{5}{3}$	$-\frac{1}{9}$