

## Function Table

MS3

Complete each function table.

1)  $f(x) = -3x^2 - \frac{9}{2}x - \frac{1}{6}$

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

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

|        |      |      |      |      |     |
|--------|------|------|------|------|-----|
| $x$    | $-4$ | $-3$ | $-2$ | $-1$ | $0$ |
| $f(x)$ |      |      |      |      |     |

3)  $f(x) = \frac{8}{3}x^2 - \frac{4}{3}x$

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

5)  $f(x) = -6x^2 + \frac{8}{3}x$

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

7)  $f(x) = 2x^2 - 2x - \frac{5}{7}$

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

8)  $f(x) = -\frac{2}{5}x^2 + \frac{3}{2}$

|        |      |      |     |     |     |
|--------|------|------|-----|-----|-----|
| $x$    | $-2$ | $-1$ | $0$ | $1$ | $2$ |
| $f(x)$ |      |      |     |     |     |

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