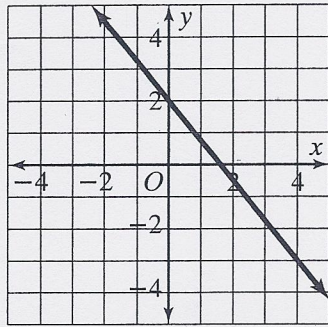


HW 7.2B

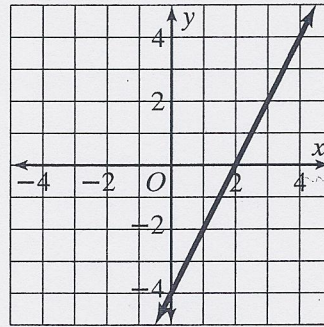
Writing Rules for Linear Functions

Write a rule for each function.

1. _____



2. _____



3. _____

| x | $f(x)$ |
|-----|--------|
| -3 | 18 |
| -1 | 6 |
| 1 | -6 |
| 3 | -18 |

4. _____

| x | $f(x)$ |
|-----|--------|
| 5 | -2 |
| 7 | 0 |
| 9 | 2 |
| 11 | 4 |

5. _____

| x | $f(x)$ |
|-----|--------|
| -3 | -17 |
| -1 | -11 |
| 1 | -5 |
| 3 | 1 |

6. _____

| x | $f(x)$ |
|-----|--------|
| -4 | 4 |
| 0 | 6 |
| 2 | 7 |
| 4 | 8 |

Write a function rule to describe each situation.

7. The number of pounds $p(z)$ as a function of the number of ounces z .

8. The selling price $s(c)$ after a 45% markup of an item as a function of the stores' cost c .

9. The total number of miles $m(r)$ covered when you walk 7 miles before lunch, and you walk for 2 hours at r mi/hr after lunch.

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