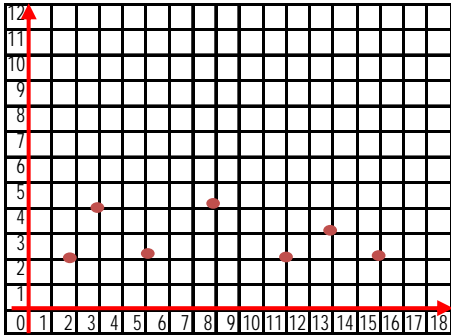
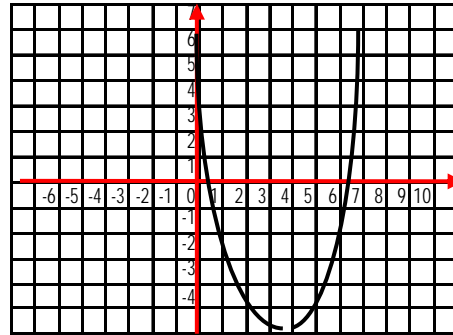


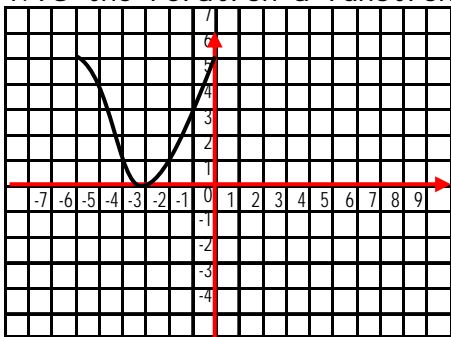
Quiz: Definition of a Function



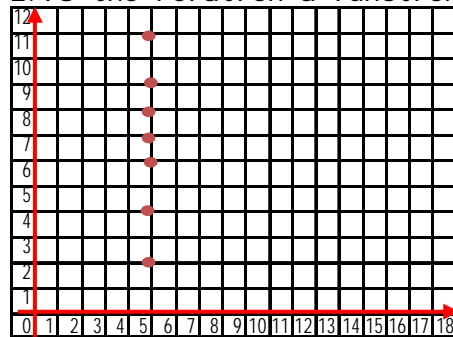
1. Is the relation a function?



2. Is the relation a function?



3. Is the relation a function?



4. Is the relation a function?

5. Is the relation $\{(1, 3) (2, 6) (3, 9) (4, 12) (5, 15)\}$ a function?

6. $A = \{(4, 8) (2, 4) (3, 6) (x, 14)\}$
Which of values of x will make relation A a function?

7. Is the relation in chart below a function?

| | | | | | | |
|---|---|---|---|---|---|---|
| X | 8 | 7 | 6 | 5 | 4 | 3 |
| Y | 3 | 4 | 5 | 6 | 7 | 8 |

8. Is the relation in chart below a function?

| | | | | | | |
|---|---|---|---|---|---|---|
| X | 0 | 3 | 6 | 9 | 1 | 1 |
| Y | 0 | 3 | 6 | 9 | 1 | 1 |

9. Given $f(x) = x + 9$

Find $f(4)$.

10. Given $f(x) = 8x^2 - 5x + 4$

Find $f(-4)$.

| | | | | | | | | | | | |
|------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Circle # Correct | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Percentage Score | 0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% |