

Name : _____

Score : _____

Teacher : _____

Date : _____

Ordered Pairs

Find the Domain and Range. Also, state whether each set of ordered pairs is a function or not.

1) $\{ (-5, 8), (-3, 5), (-4, -7), (6, -6), (3, 7) \}$

Domain:

Range:

Function? : _____

6) $\{ (7, 0), (8, -9), (8, 8), (2, 7), (-7, 4) \}$

Domain:

Range:

Function? : _____

2) $\{ (-4, -8), (4, 8), (7, -9), (-2, 4), (6, -9) \}$

Domain:

Range:

Function? : _____

7) $\{ (-3, 7), (8, 8), (-4, -2), (6, 3), (2, 6) \}$

Domain:

Range:

Function? : _____

3) $\{ (0, 0), (-8, 3), (9, 4), (-7, -6), (-3, -9) \}$

Domain:

Range:

Function? : _____

8) $\{ (0, 4), (-5, 0), (7, -9), (4, 7), (-5, 3) \}$

Domain:

Range:

Function? : _____

4) $\{ (6, 1), (-6, -7), (6, 4), (8, 3), (2, 7) \}$

Domain:

Range:

Function? : _____

9) $\{ (7, -1), (2, 4), (-2, -1), (-1, 3), (-3, 8) \}$

Domain:

Range:

Function? : _____

5) $\{ (-2, -1), (4, 9), (-1, -7), (6, 5), (6, 2) \}$

Domain:

Range:

Function? : _____

10) $\{ (3, -2), (0, -5), (1, -4), (6, 9), (2, -2) \}$

Domain:

Range:

Function? : _____



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Ordered Pairs

Find the Domain and Range. Also, state whether each set of ordered pairs is a function or not.

1) $\{ (-5, 8), (-3, 5), (-4, -7), (6, -6), (3, 7) \}$

Domain: $\{-5, -4, -3, 3, 6\}$

Range: $\{-7, -6, 5, 7, 8\}$

Yes, this is a function.

6) $\{ (7, 0), (8, -9), (8, 8), (2, 7), (-7, 4) \}$

Domain: $\{-7, 2, 7, 8\}$

Range: $\{-9, 0, 4, 7, 8\}$

No, this isn't a function.

2) $\{ (-4, -8), (4, 8), (7, -9), (-2, 4), (6, -9) \}$

Domain: $\{-4, -2, 4, 6, 7\}$

Range: $\{-9, -8, 4, 8\}$

Yes, this is a function.

7) $\{ (-3, 7), (8, 8), (-4, -2), (6, 3), (2, 6) \}$

Domain: $\{-4, -3, 2, 6, 8\}$

Range: $\{-2, 3, 6, 7, 8\}$

Yes, this is a function.

3) $\{ (0, 0), (-8, 3), (9, 4), (-7, -6), (-3, -9) \}$

Domain: $\{-8, -7, -3, 0, 9\}$

Range: $\{-9, -6, 0, 3, 4\}$

Yes, this is a function.

8) $\{ (0, 4), (-5, 0), (7, -9), (4, 7), (-5, 3) \}$

Domain: $\{-5, 0, 4, 7\}$

Range: $\{-9, 0, 3, 4, 7\}$

No, this isn't a function.

4) $\{ (6, 1), (-6, -7), (6, 4), (8, 3), (2, 7) \}$

Domain: $\{-6, 2, 6, 8\}$

Range: $\{-7, 1, 3, 4, 7\}$

No, this isn't a function.

9) $\{ (7, -1), (2, 4), (-2, -1), (-1, 3), (-3, 8) \}$

Domain: $\{-3, -2, -1, 2, 7\}$

Range: $\{-1, 3, 4, 8\}$

Yes, this is a function.

5) $\{ (-2, -1), (4, 9), (-1, -7), (6, 5), (6, 2) \}$

Domain: $\{-2, -1, 4, 6\}$

Range: $\{-7, -1, 2, 5, 9\}$

No, this isn't a function.

10) $\{ (3, -2), (0, -5), (1, -4), (6, 9), (2, -2) \}$

Domain: $\{0, 1, 2, 3, 6\}$

Range: $\{-5, -4, -2, 9\}$

Yes, this is a function.

