Domain and Range - Ordered pairs

A) Find the domain and range of each relation.

1) \{ (5, 3), (8, 4), (2, 2), (7, 4), (9, 6) \}

Domain: __________________________
Range: __________________________

2) \{ (17, -9), (-13, -8), (0, 8), (-6, 2), (3, -2), (5, 6) \}

Domain: __________________________
Range: __________________________

3) \{ (7, -5), (-1, -2), (5, 4), (-6, 3), (14, -8), (-3, 6), (5, -4) \}

Domain: __________________________
Range: __________________________

4) \{ (18, 9), (17, -6), (12, 15), (11, 7), (10, -8) \}

Domain: __________________________
Range: __________________________

5) \{ (4, 9), (-9, 9), (13, 9), (-6, 9), (5, 9), (-16, 9) \}

Domain: __________________________
Range: __________________________

6) \{ (5, -6), (-7, -14), (8, 4), (-9, 5), (3, -2), (-7, 8), (5, -4) \}

Domain: __________________________
Range: __________________________

7) \{ (17, -11), (-7, -12), (8, 16) \}

Domain: __________________________
Range: __________________________

8) \{ (3, -4), (-7, -9), (8, 3), (-2, 1), (4, -2), (-8, 6), (5, -3) \}

Domain: __________________________
Range: __________________________

9) \{ (17, -11), (-7, -12), (8, 16) \}

Domain: __________________________
Range: __________________________

10) \{ (18, 9), (17, -6), (12, 15), (11, 7), (10, -8) \}

Domain: __________________________
Range: __________________________

B) Find the domain and range of ordered pairs represented on the graph.

9) 

Domain: __________________________
Range: __________________________

10) 

Domain: __________________________
Range: __________________________

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Answer key

Domain and Range - Ordered pairs

A) Find the domain and range of each relation.

1) {(5, 3), (8, 4), (2, 2), (7, 4), (9, 6)}
   Domain: _______ {2, 5, 7, 8, 9} _______
   Range: _______ {2, 3, 4, 6} _______

2) {(17, –9), (–13, –8), (0, 8), (–6, 2), (3, –2), (–5, 6)}
   Domain: _______ {-13, -6, -5, 0, 3, 17} _______
   Range: _______ {-9, -8, -2, 6, 8} _______

3) {(7, –5), (–1, –2), (5, 4), (–6, 3), (14, –8), (–3, 6), (5, –4)}
   Domain: _______ {-6, -3, -1.5, 7, 14} _______
   Range: _______ {-8, -5, -4, -2, 3, 4} _______

4) {(18, 9), (17, –6), (12, 15), (11, 7), (10, –8)}
   Domain: _______ {10, 11, 12, 17, 18} _______
   Range: _______ {–8, –6, 2, 6, 8} _______

5) {(4, 9), (–9, 9), (13, 9), (–6, 9), (5, 9), (–16, 9)}
   Domain: _______ {-16, -9, 5, 9, 13, 16} _______
   Range: _______ {-9, -7, 3, 5, 8} _______

6) {(5, –6), (–7, –14), (8, 4), (–9, 5), (3, –2), (–7, 8), (5, –4)}
   Domain: _______ {-7, 8, 3, 4, 5, 6} _______
   Range: _______ {-12, –11, 2, 3, 4, 6} _______

7) {(17, –11), (–7, –12), (8, 16), (–2, 1), (4, –2), (–8, 6), (5, –3)}
   Domain: _______ {-7, 8, 17, -11} _______
   Range: _______ {-15, -12, -11, -7} _______

B) Find the domain and range of ordered pairs represented on the graph.

9) Domain: _______ {-2, -1, 1, 2, 3, 4, 6} _______
   Range: _______ {-4, -2, 1, 2, 3, 4} _______

   Domain: _______ {-15, -9, 3, 9, 12} _______
   Range: _______ {-12, -6, 0, 12} _______

   Domain: _______ {-8, -6, -2, 4, 6} _______
   Range: _______ {-4, -3, 0, 1, 3, 4} _______

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