Domain and Range Worksheet Answer Key

Y Ask Y? X actly.

What are the domain and range of each relation?

1. $\{(4,5)\}$

   Range: $\{5\}$, domain: $\{4\}$

2. $\{(1,4),(3,6),(4,2)\}$

   Range: $\{4,6,2\}$, domain: $\{1,3,4\}$

3. $\{(1,5),(2,5)\}$

   Range: $\{5\}$, domain: $\{1,2\}$

4. $\{(2,4),(2,6),(3,6)\}$

   Range: $\{4,6\}$, domain: $\{2,3\}$

5. $\{(1,1),(1,2),(1,3)\}$

   Range: $\{1,2,3\}$, domain: $\{1\}$

6. $\{(d,e),(f,g)\}$

   Range: $\{e,g\}$, domain: $\{d,f\}$

7. $\{(1,4),(2,5)\}$

   Range: $\{4,5\}$, domain: $\{1,2\}$

8. $\{(4,5),(5,6),(6,7),...\}$

   Range: $\{5,6,7,\dots\}$, domain: $\{4,5,6,\dots\}$

9. $\{\}$

   Range: $\{\}$, domain: $\{\}$

10. $\{(a,c),(a,d),(a,f)\}$

    Range: $\{d,f\}$, domain: $\{a\}$