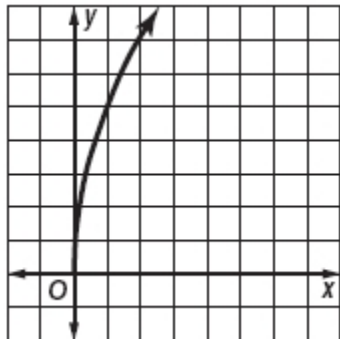


14)

vertical stretch of $\sqrt{x}$;

$$D = \{x|x \geq 0\},$$

$$R = \{y|y \geq 0\}$$

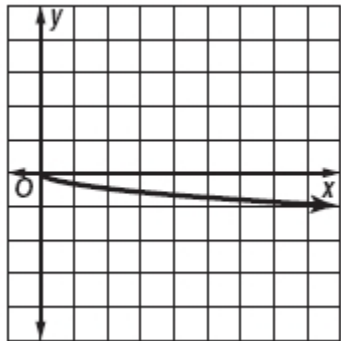


16)

vertical compression of $\sqrt{x}$ and
reflected across the x -axis;

$$D = \{x|x \geq 0\},$$

$$R = \{y|y \leq 0\}$$

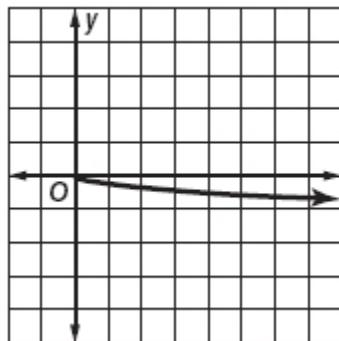


18)

vertical compression of $\sqrt{x}$ and
reflected across the x -axis;

$$D = \{x|x \geq 0\},$$

$$R = \{y|y \leq 0\}$$

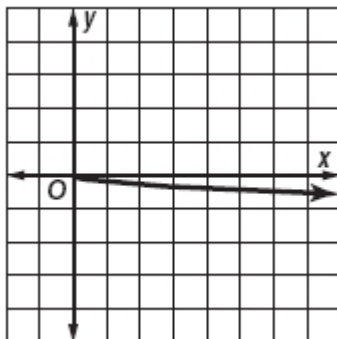


20)

vertical compression of $\sqrt{x}$ and
is reflected across the x -axis;

$$D = \{x|x \geq 0\},$$

$$R = \{y|y \leq 0\}$$

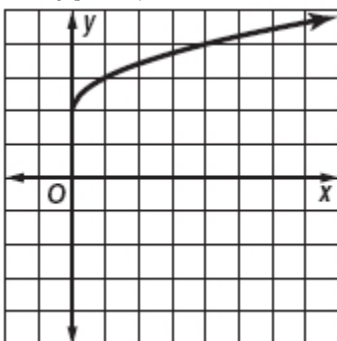


22)

translated up 2;

$$D = \{x|x \geq 0\},$$

$$R = \{y|y \geq 2\}$$

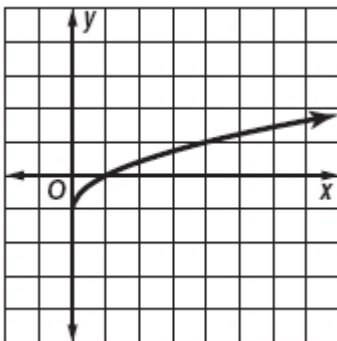


24)

translated down 1;

$$D = \{x|x \geq 0\},$$

$$R = \{y|y \geq -1\}$$

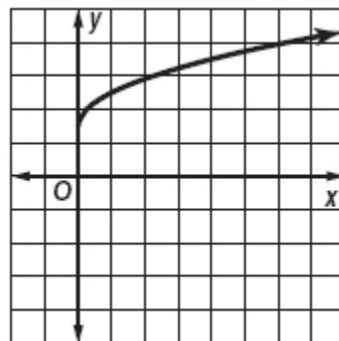


26)

translated up 1.5;

$$D = \{x|x \geq 0\},$$

$$R = \{y|y \geq 1.5\}$$

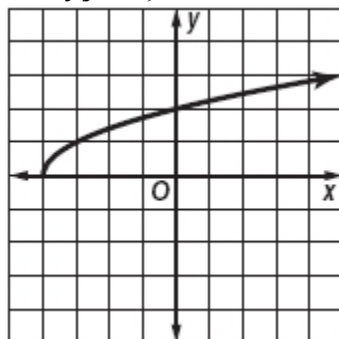


28)

translated left 4;

$$D = \{x|x \geq -4\},$$

$$R = \{y|y \geq 0\}$$

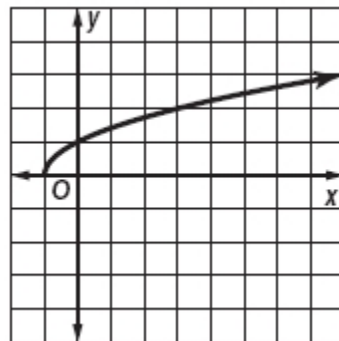


30)

translated left 1;

$$D = \{x|x \geq -1\},$$

$$R = \{y|y \geq 0\}$$

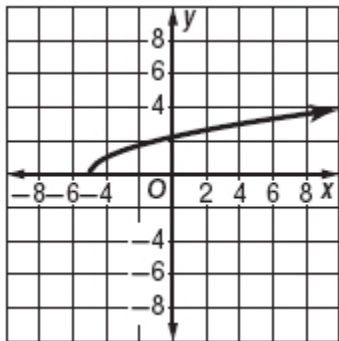


32)

translated left 5;

$$D = \{x|x \geq -5\},$$

$$R = \{y|y \geq 0\}$$

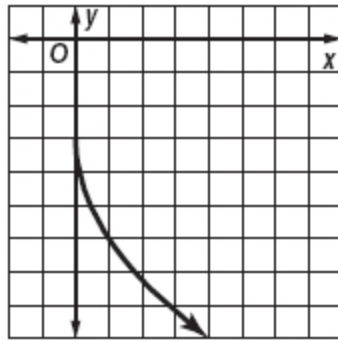


36)

vertical stretch of $y = \sqrt{x}$,
reflected and translated down 3;

$$D = \{x|x \geq 0\},$$

$$R = \{y|y \leq -3\}$$

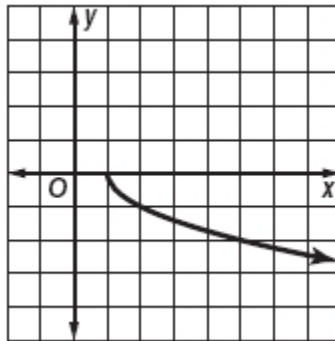


38)

reflected across the x -axis and
translated right 1;

$$D = \{x|x \geq 1\},$$

$$R = \{y|y \leq 0\}$$



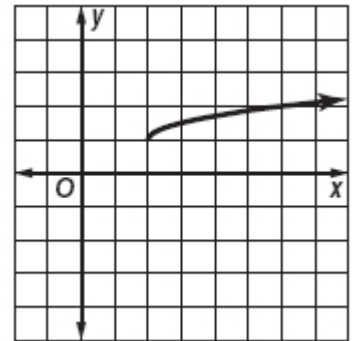
40)

vertical compression

of $y = \sqrt{x}$ and translated up 1
and right 2;

$$D = \{x|x \geq 2\},$$

$$R = \{y|y \geq 1\}$$



#2 (10.3)

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1-17

1) $9\sqrt{5}$

2) $13\sqrt{3}$

3) $-5\sqrt{7}$

4) $4\sqrt{2}$

5) $8\sqrt{5}$

6) $\sqrt{3}$

7) $5\sqrt{2} + 2\sqrt{3}$

8) $3\sqrt{3}$

9) $72\sqrt{3}$

10) 96

11) $\sqrt{21} + 3\sqrt{6}$

12) $5\sqrt{10}$

13) $14.5 + 3\sqrt{15}$

14) $11\sqrt{5}$

15) $11\sqrt{6}$

16) $-\sqrt{5}$

17) $3\sqrt{2}$