Pascal's Triangle

Row 0 →								1								
Row 1 →							1		1							
Row 2 →						1		2		1						
Row 3 →					1		3		3		1					
Row 4 →				1		4		6		4		1				
Row 5 →			1		5		10		10		5		1			
Row 6 →		1		6		15		20		15		6		1		
Row 7 →	1		7		21		35		35		21		7		1	
Row 8 → 1		8		28		46		70		46		28		8		1
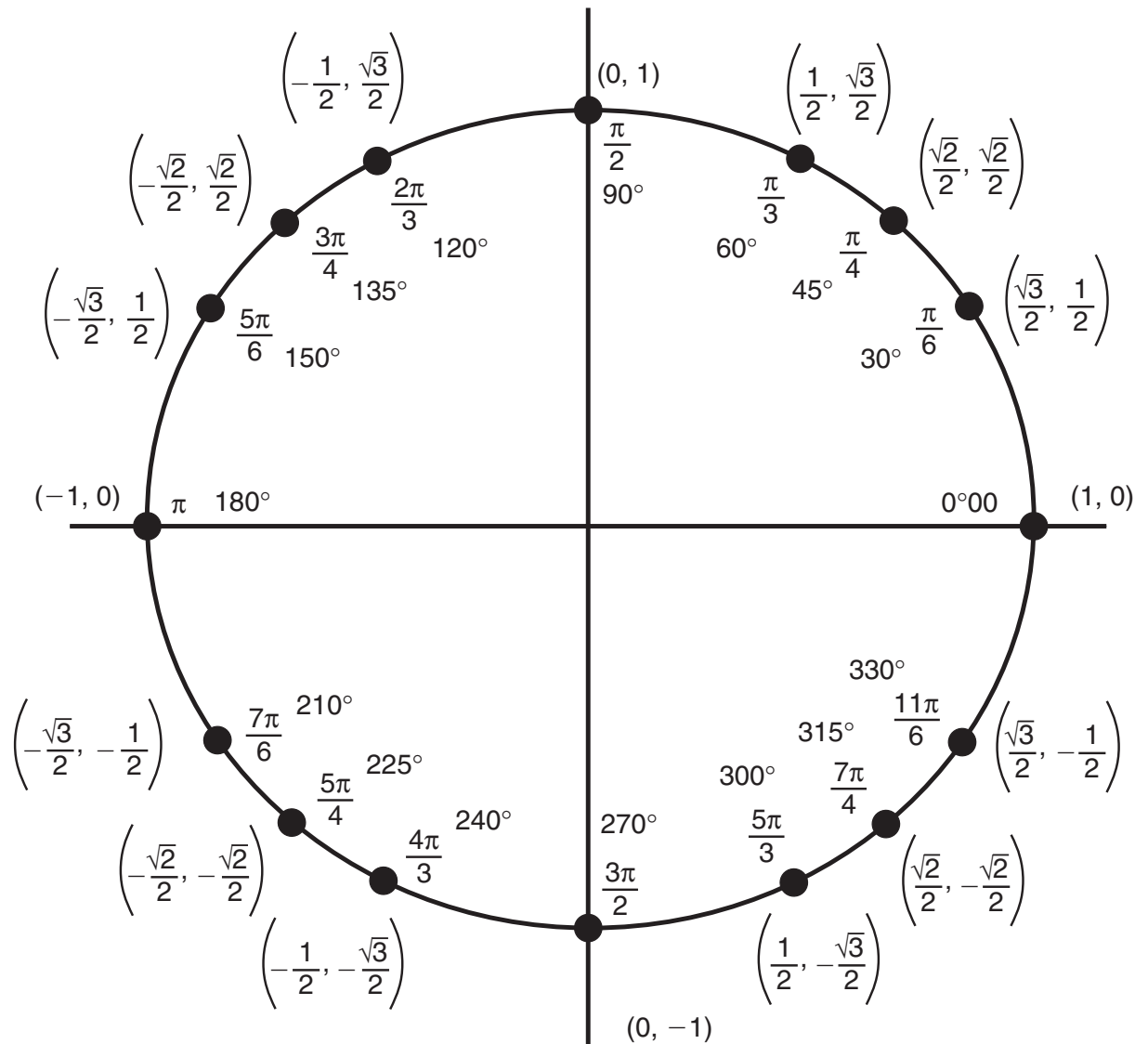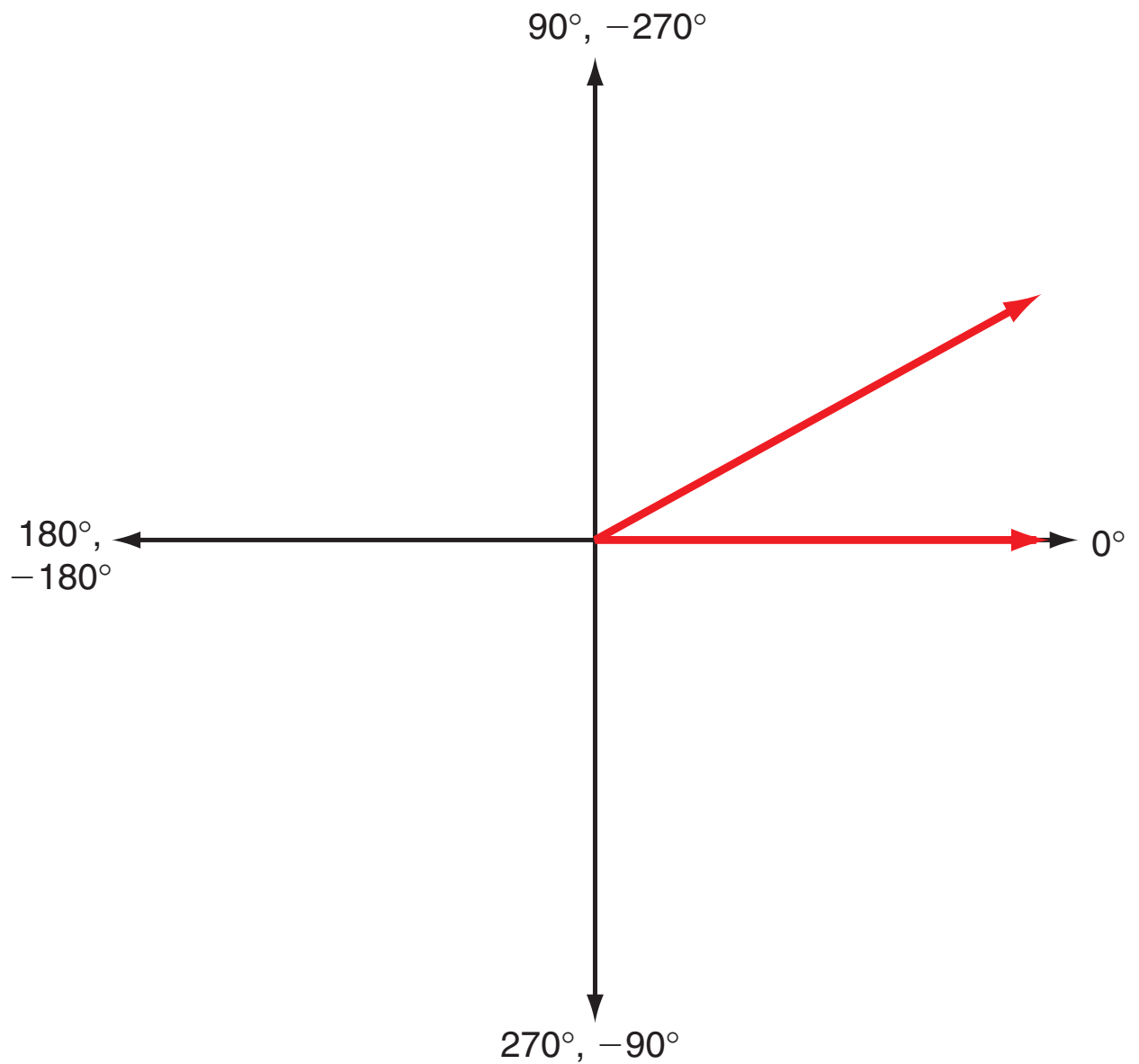
Holt Algebra 2

Unit Circle

Holt Algebra 2

Angle of Rotation

90°, −270°

180°,
−180°

0°

270°, −90°

Holt Algebra 2

Coordinate Plane

Holt Algebra 2

Cubic Parent Overlay

$$f(x) = x^3$$

Holt Algebra 2

Logarithmic Parent Overlay

$$f(x) = \log x$$

Holt Algebra 2
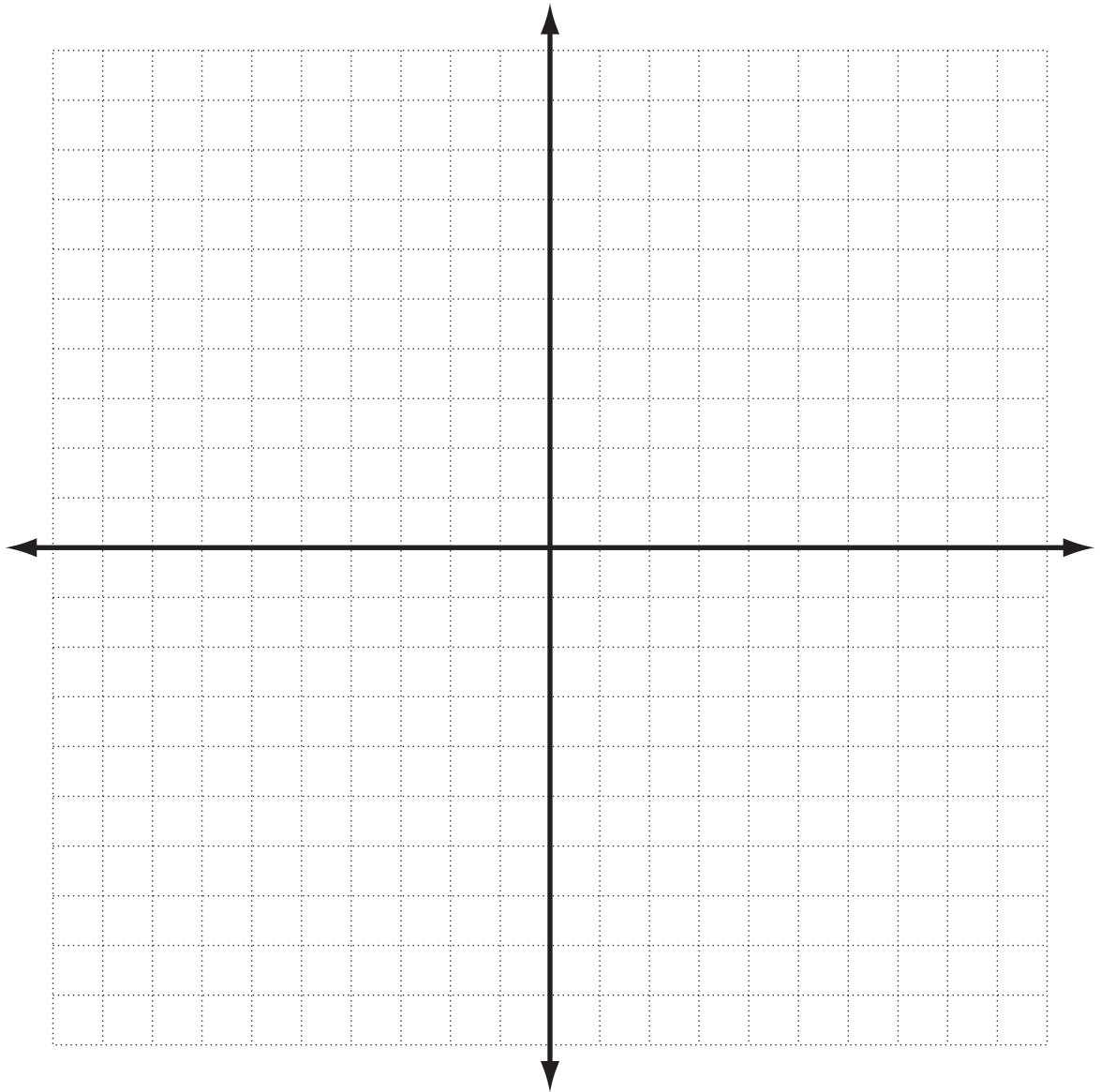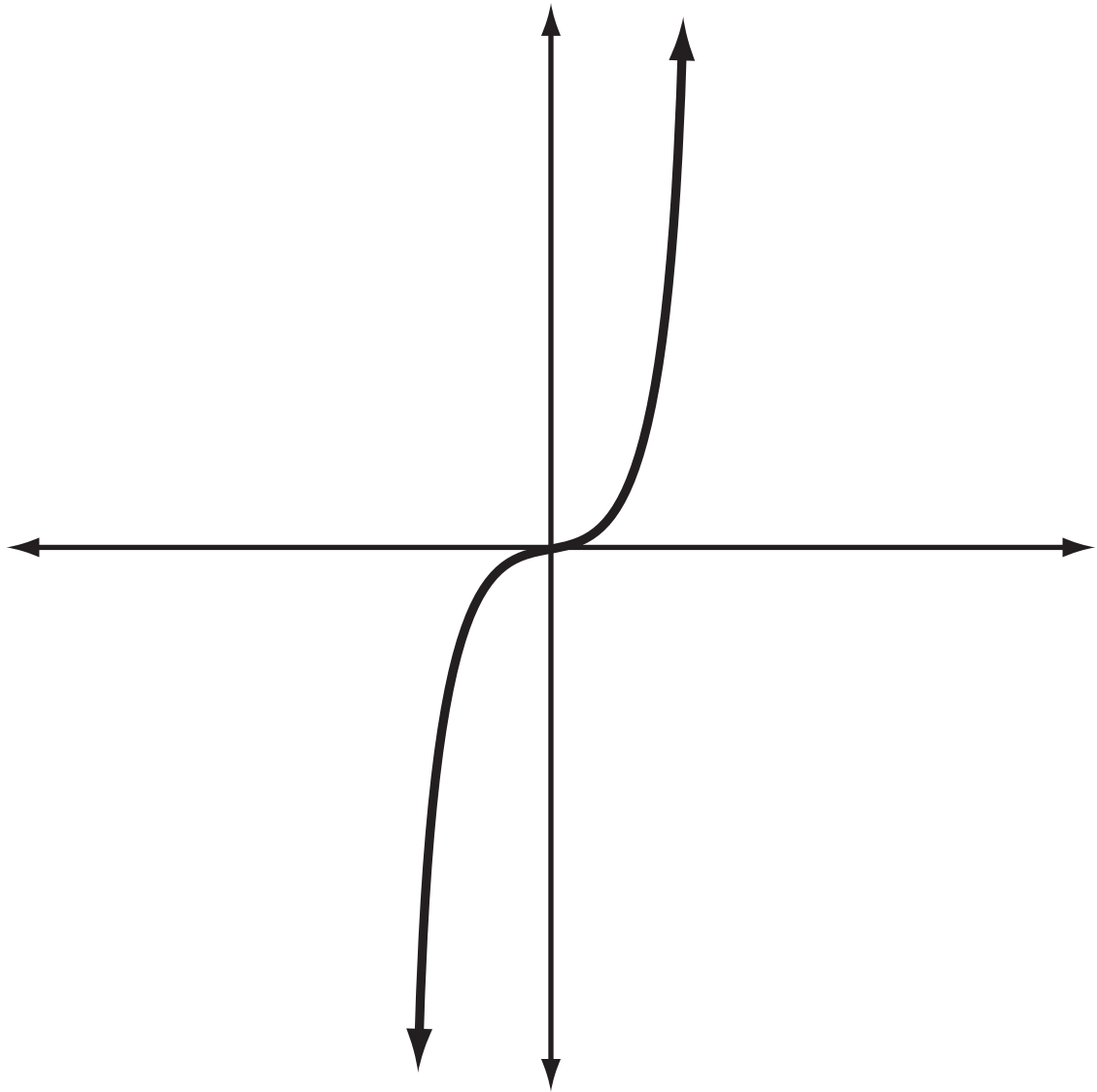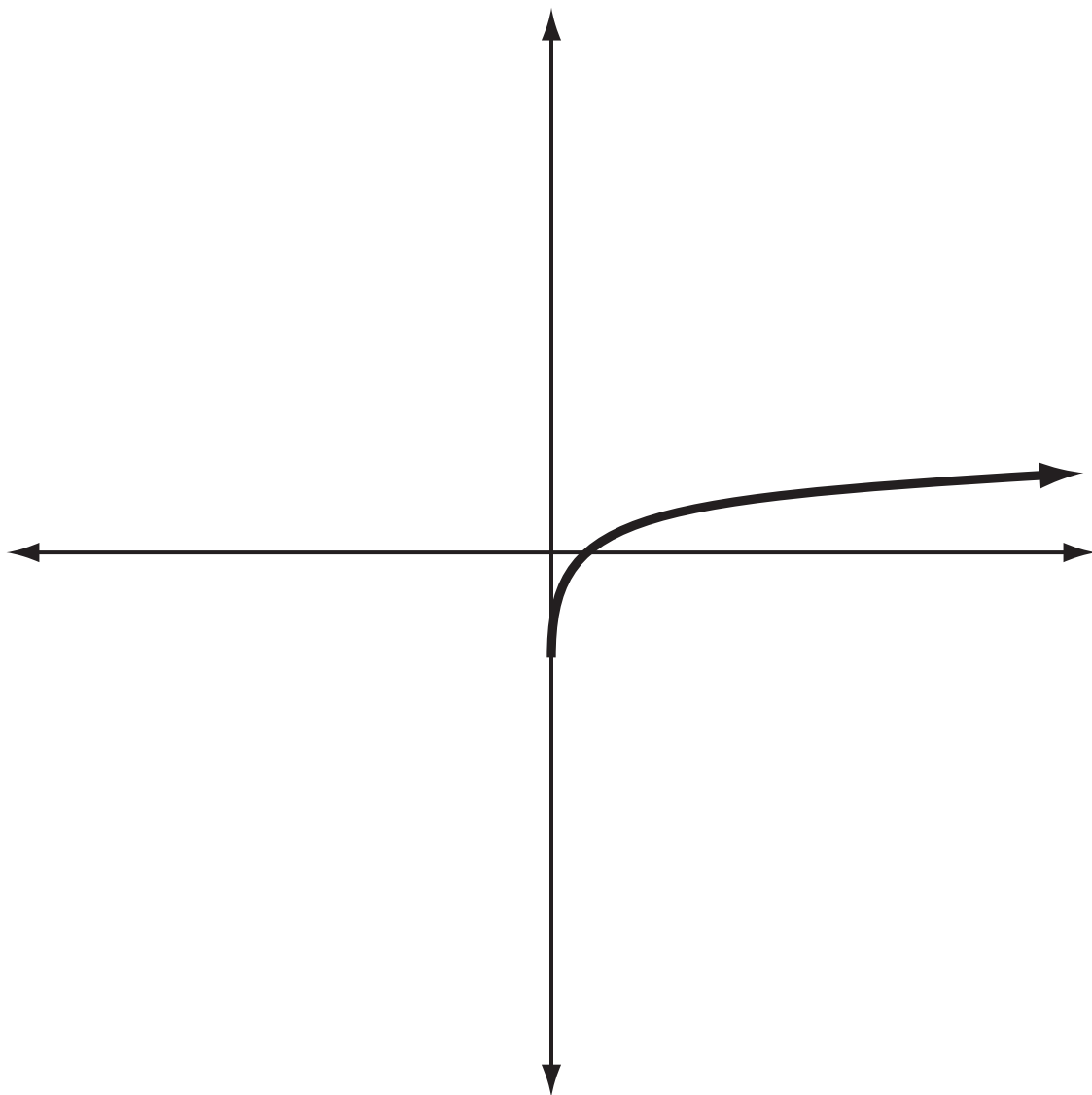
Natural Logarithmic Parent Overlay

$$f(x) = \ln x$$

Holt Algebra 2
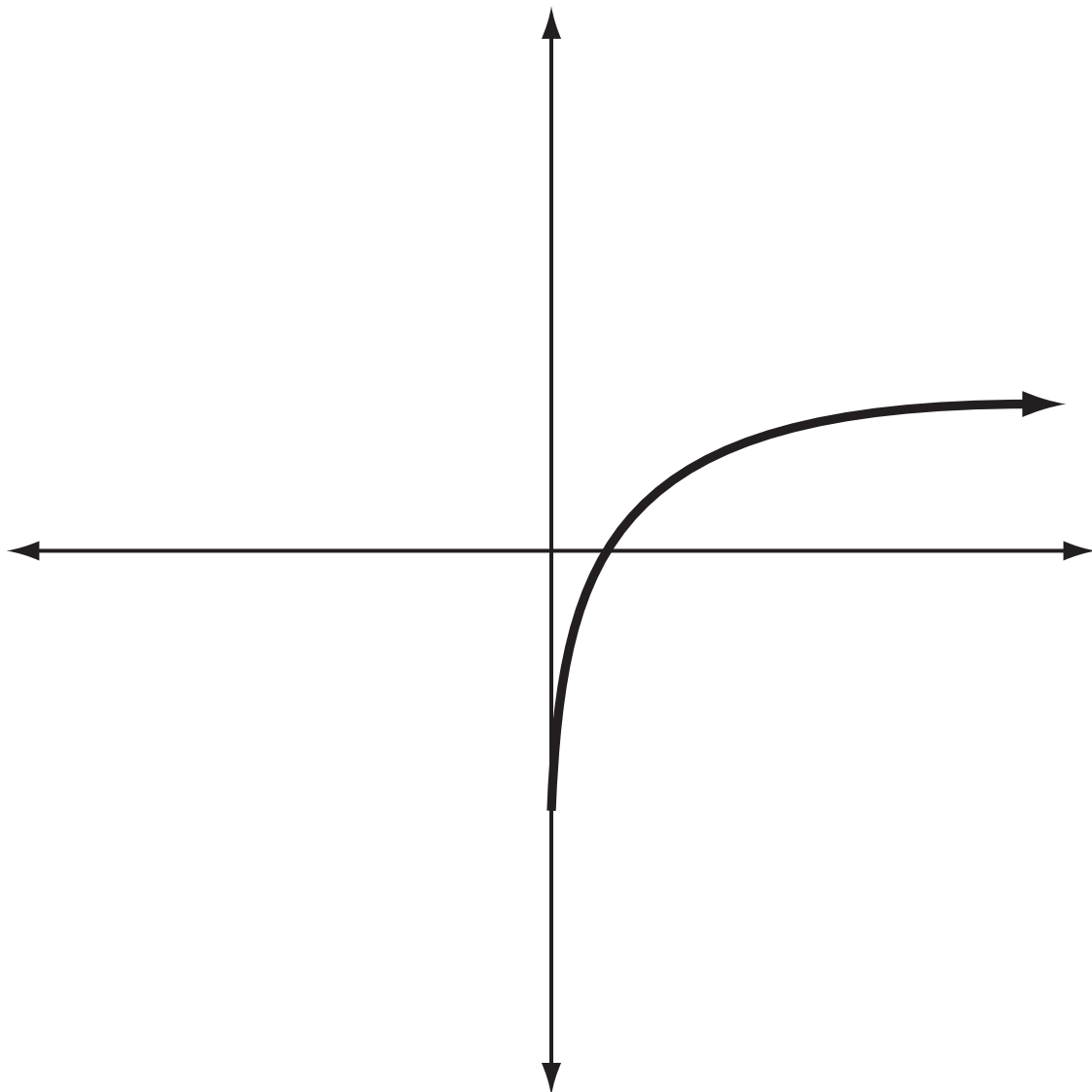
Linear Parent Overlay

$$f(x) = x$$

Holt Algebra 2
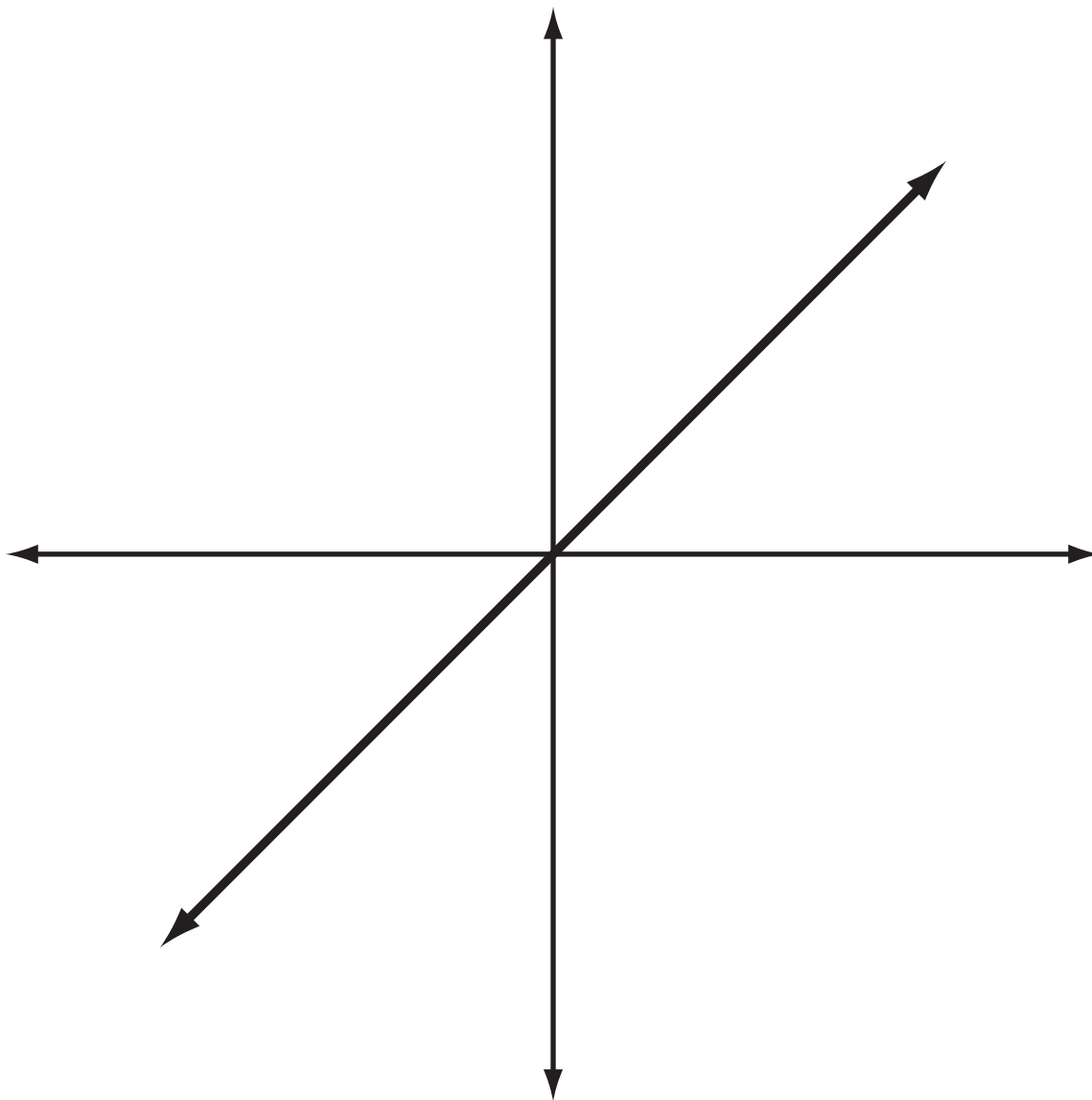
Reciprocal Parent Overlay

$$f(x) = \frac{1}{x}$$

Holt Algebra 2
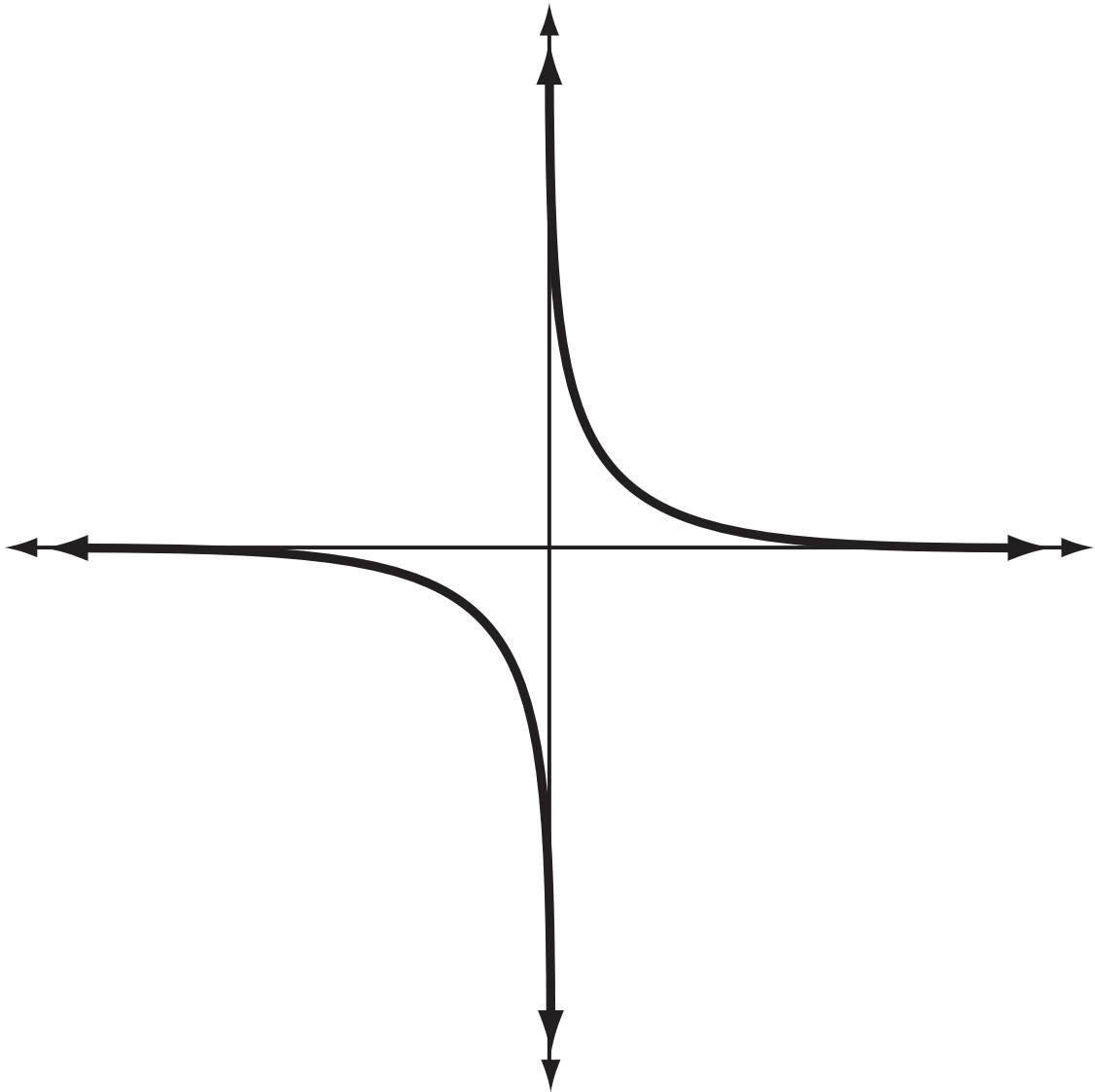
Quadratic Parent Overlay

$$f(x) = x^2$$
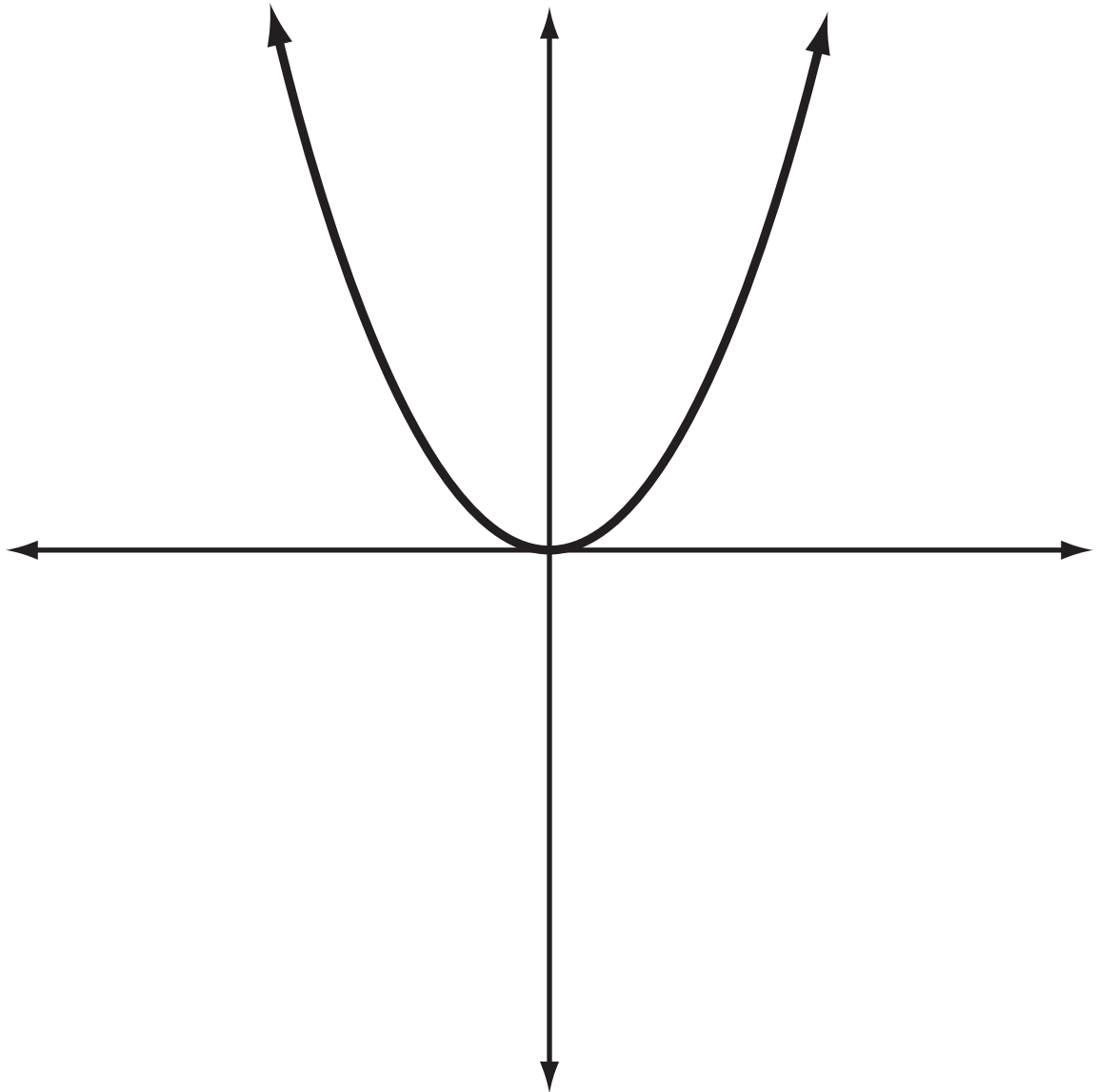
Absolute-Value Parent Overlay

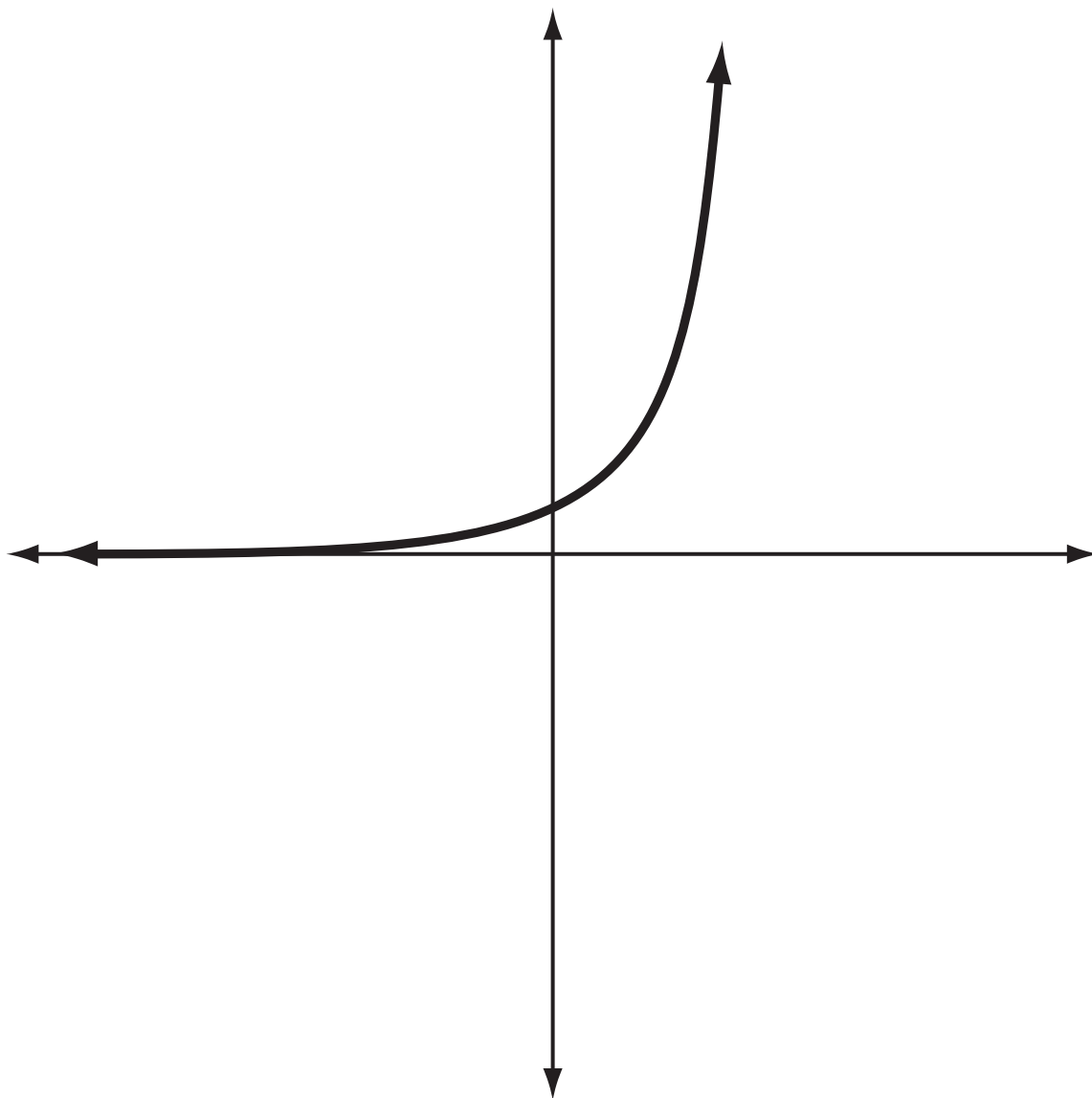**Holt Algebra 2**
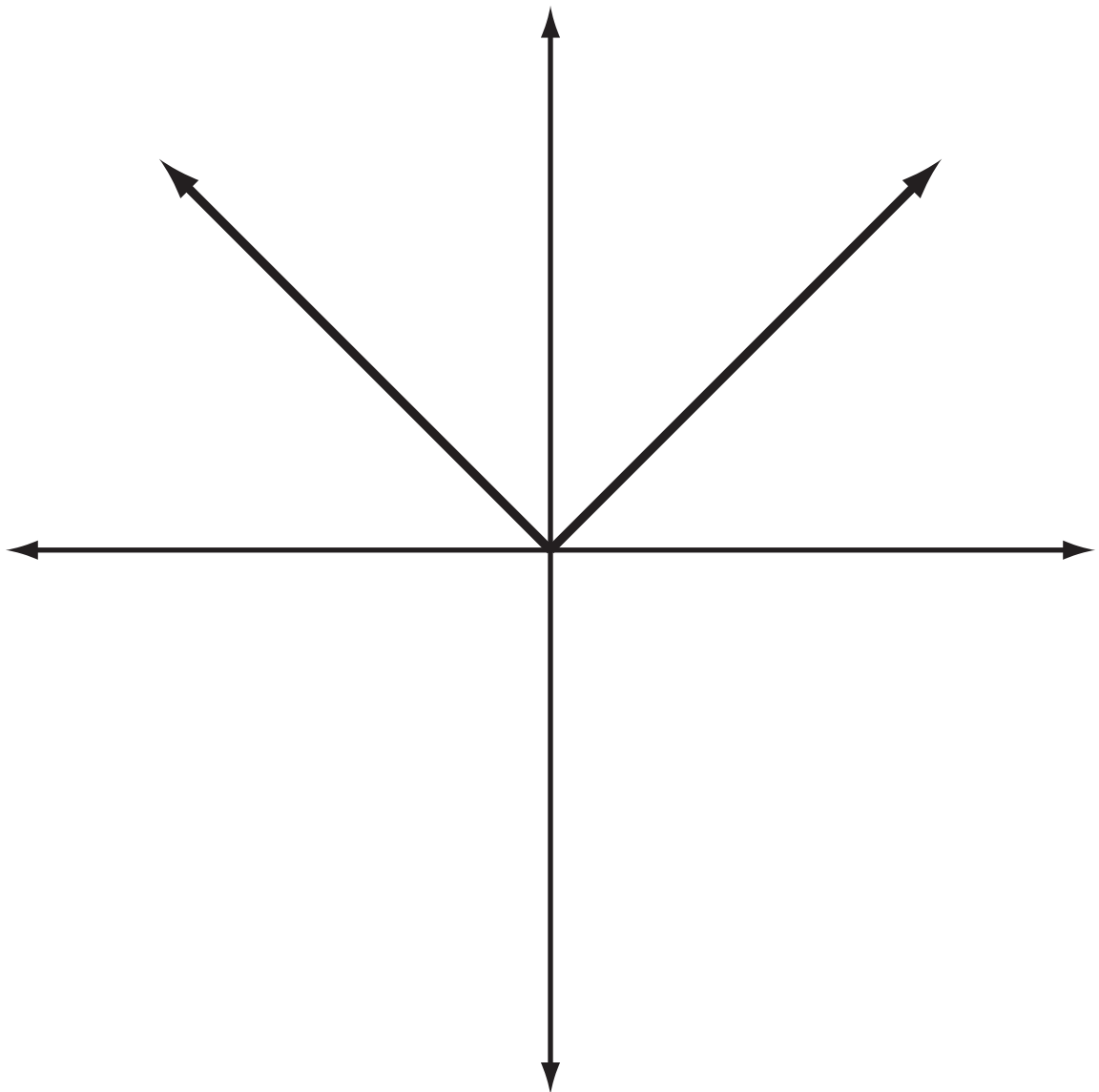
Exponential Parent Overlay

$$f(x) = 2^x$$

Square Root Parent Overlay

$$f(x) = \sqrt{x}$$

Holt Algebra 2
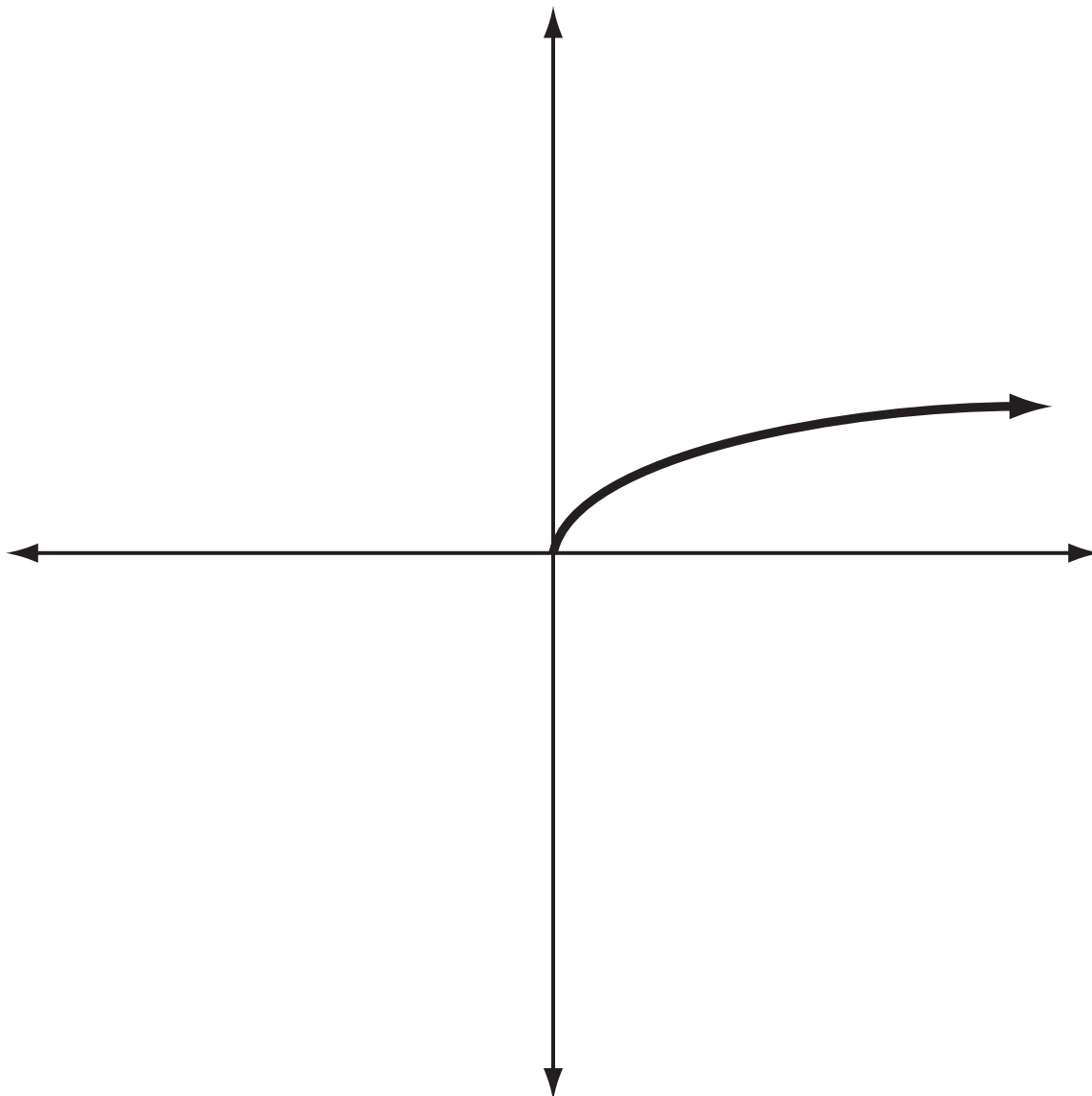
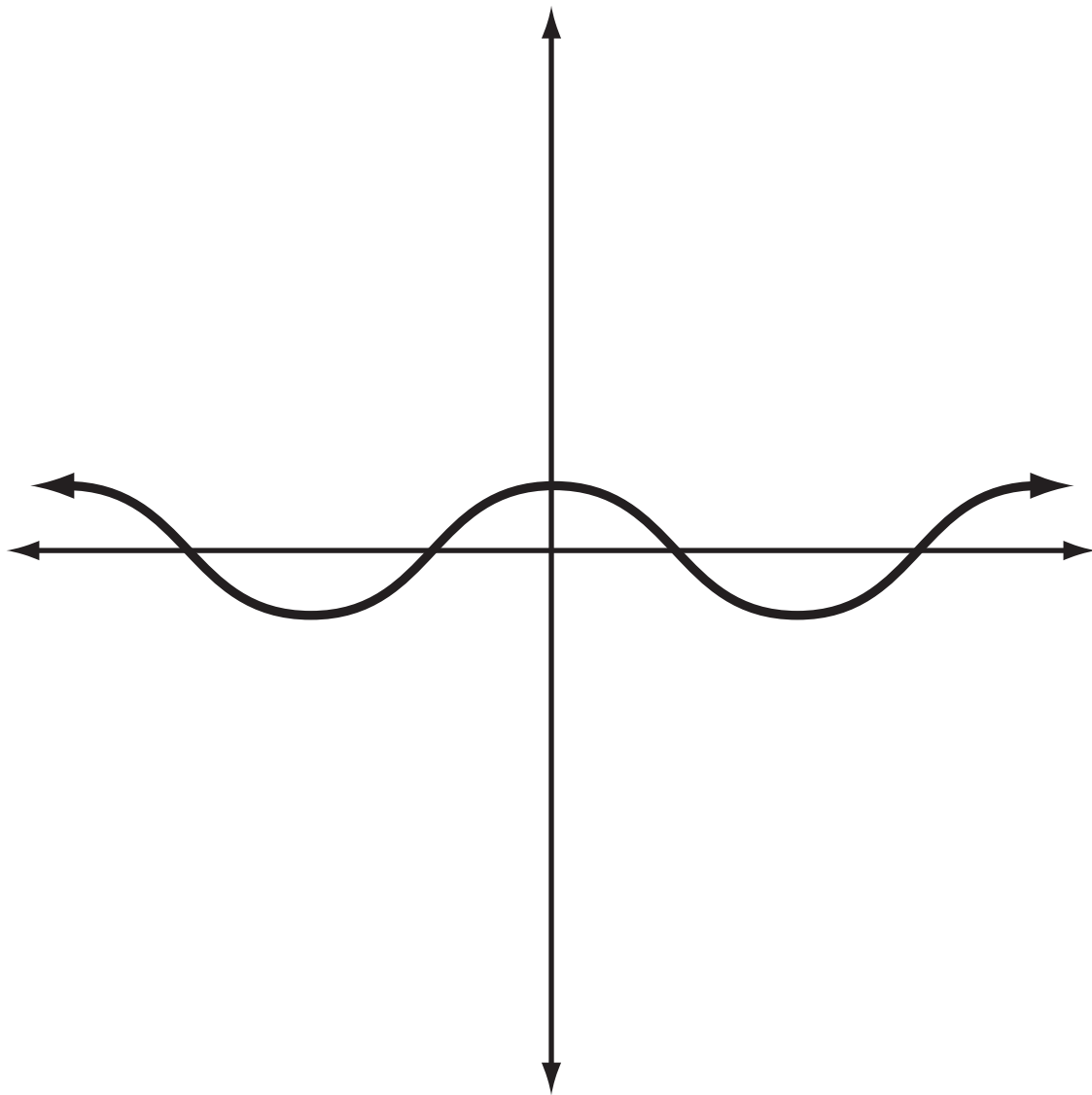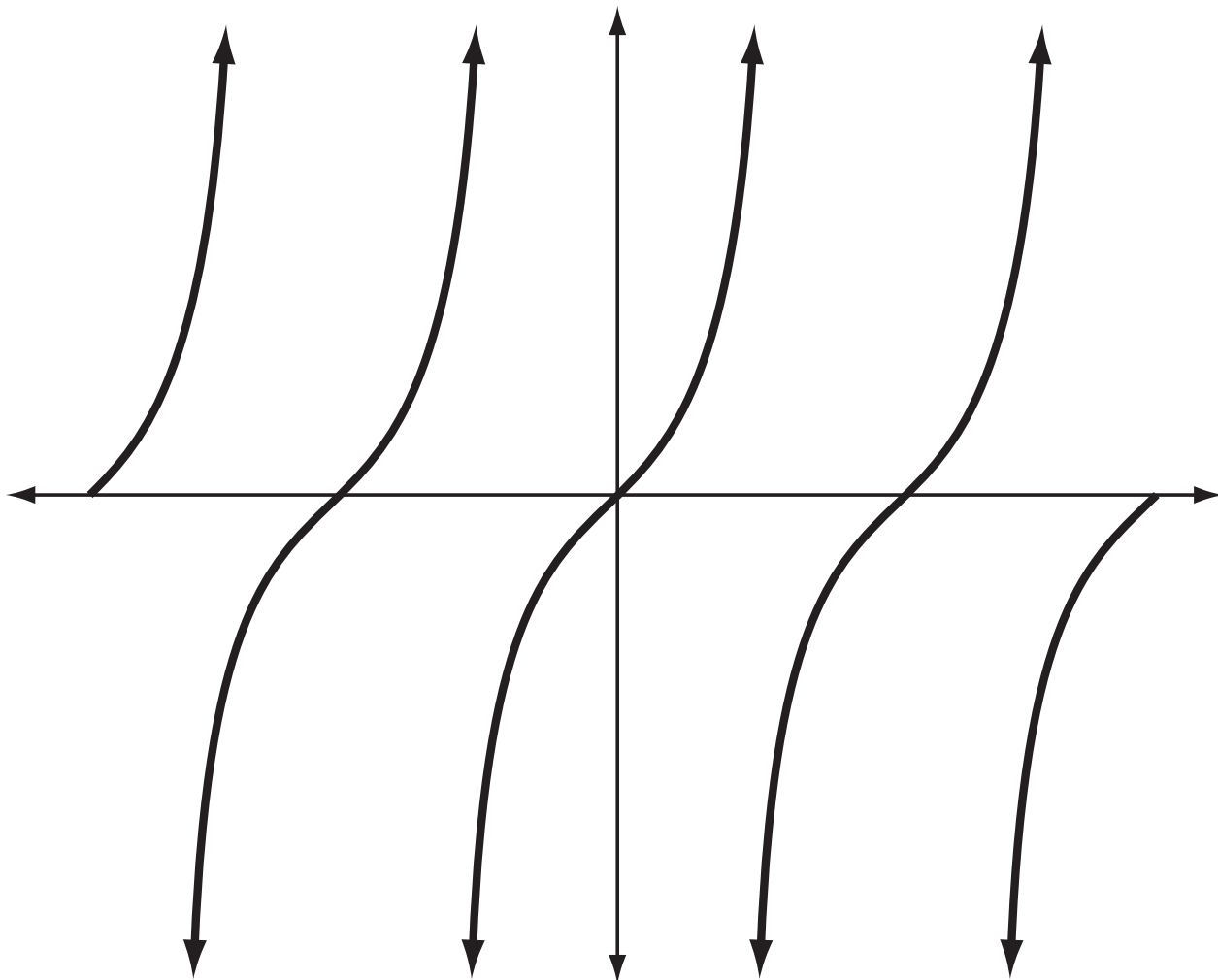# Sine Parent Overlay

$$f(x) = \sin x$$
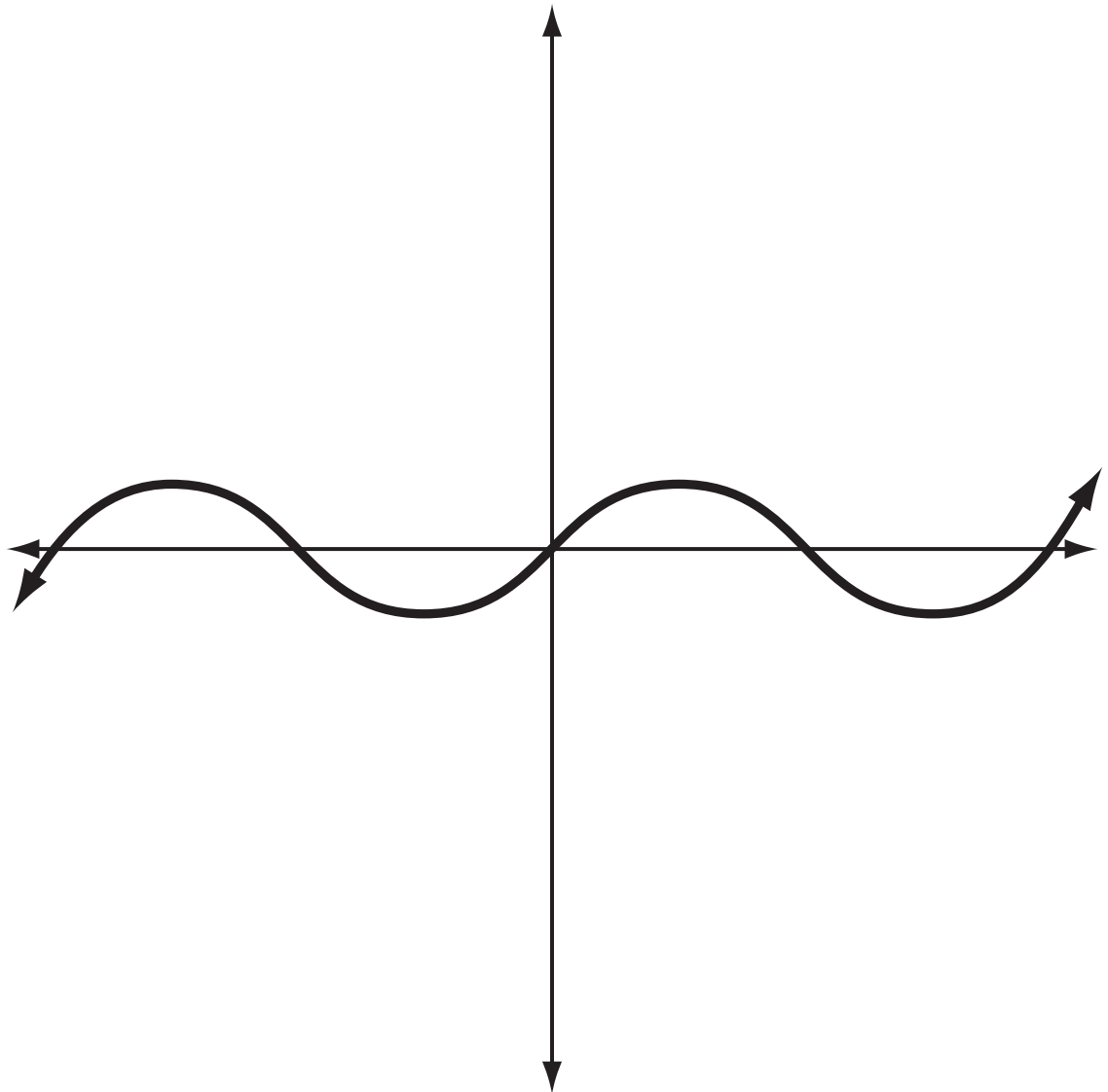
Cosine Parent Overlay

$$f(x) = \cos x$$

15

Holt Algebra 2

Tangent Parent Overlay

$$f(x) = \tan x$$

Holt Algebra 2

3D-coordinate grid

Holt Algebra 2

Blank Trig Grid

18

Holt Algebra 2

Spinners 1

19

Holt Algebra 2
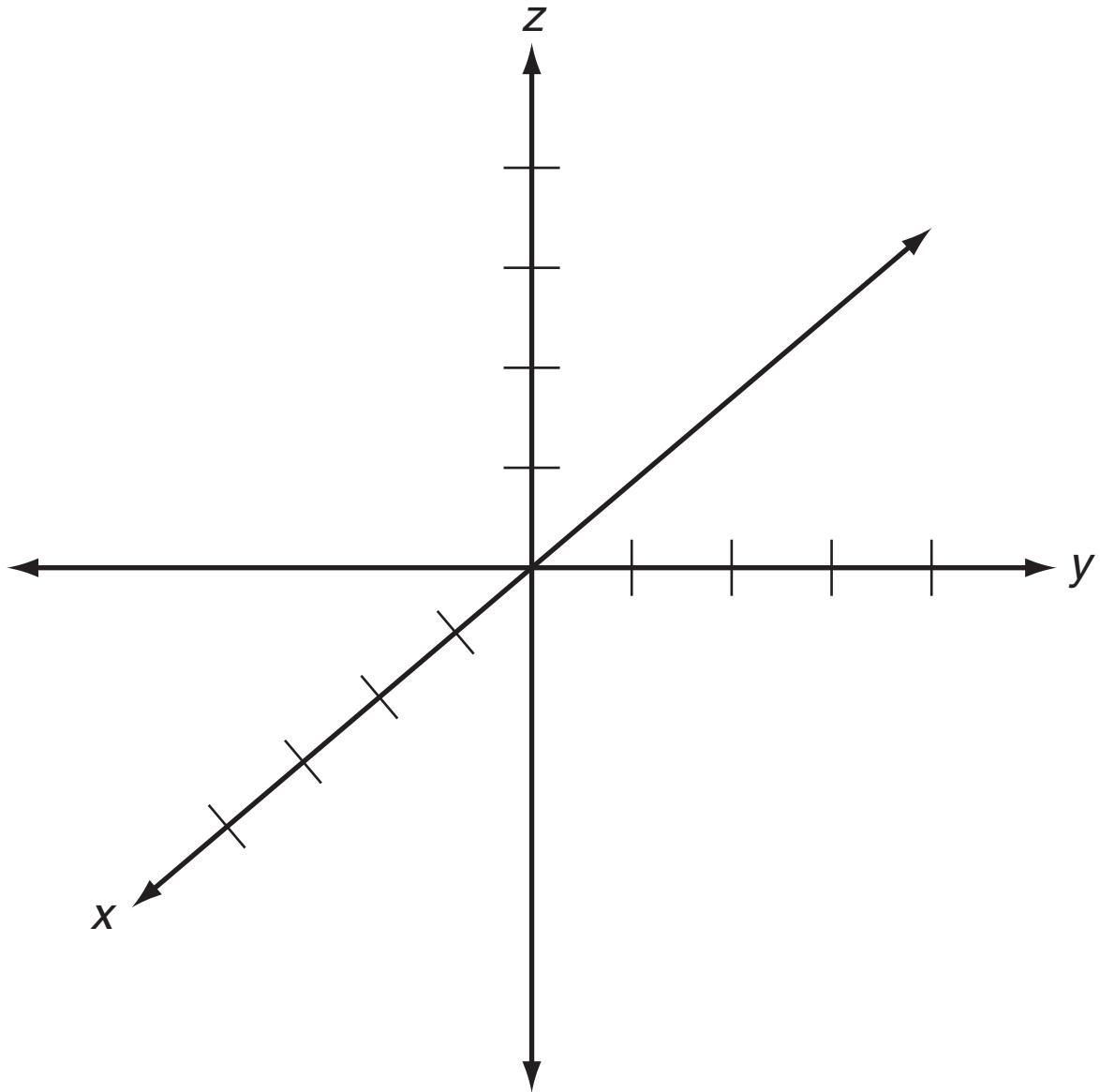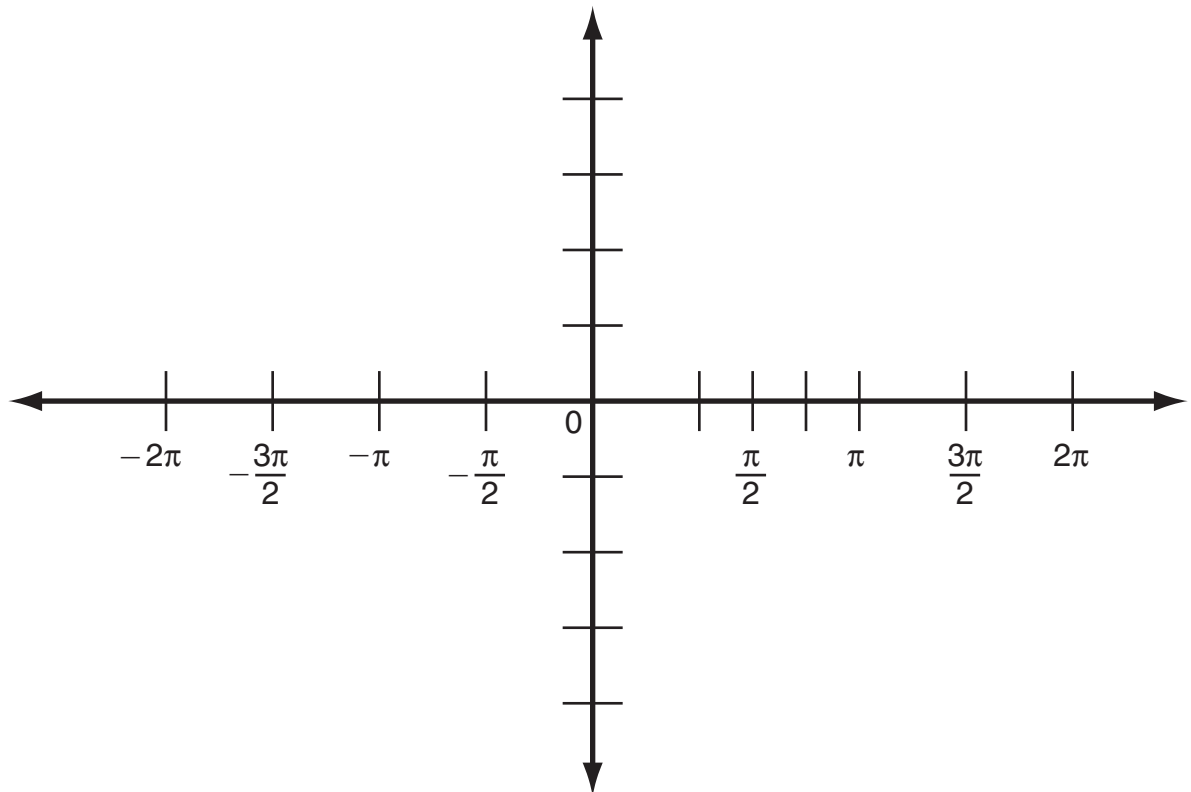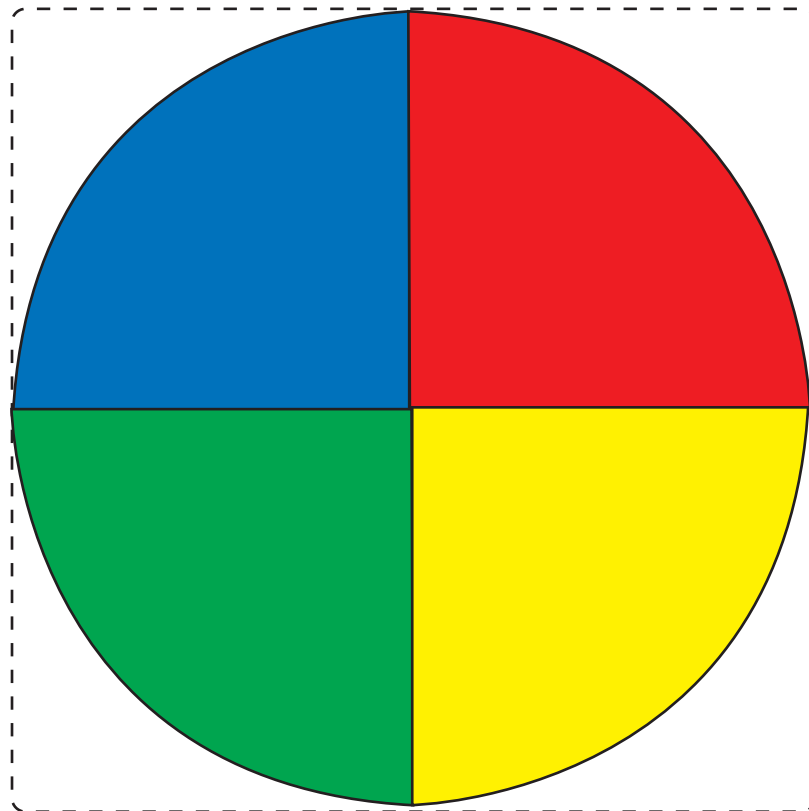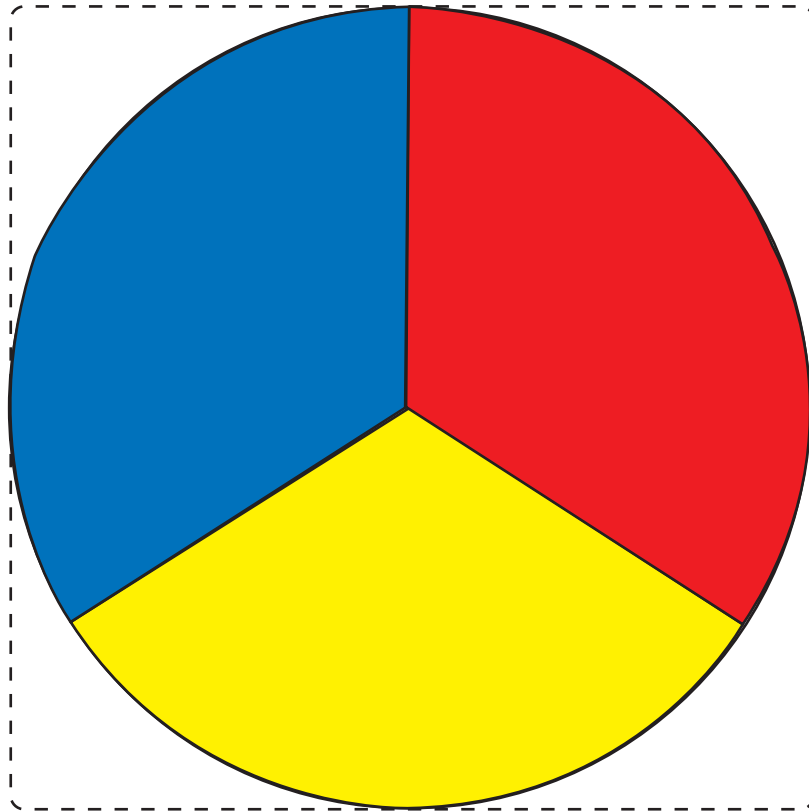
Spinners 2
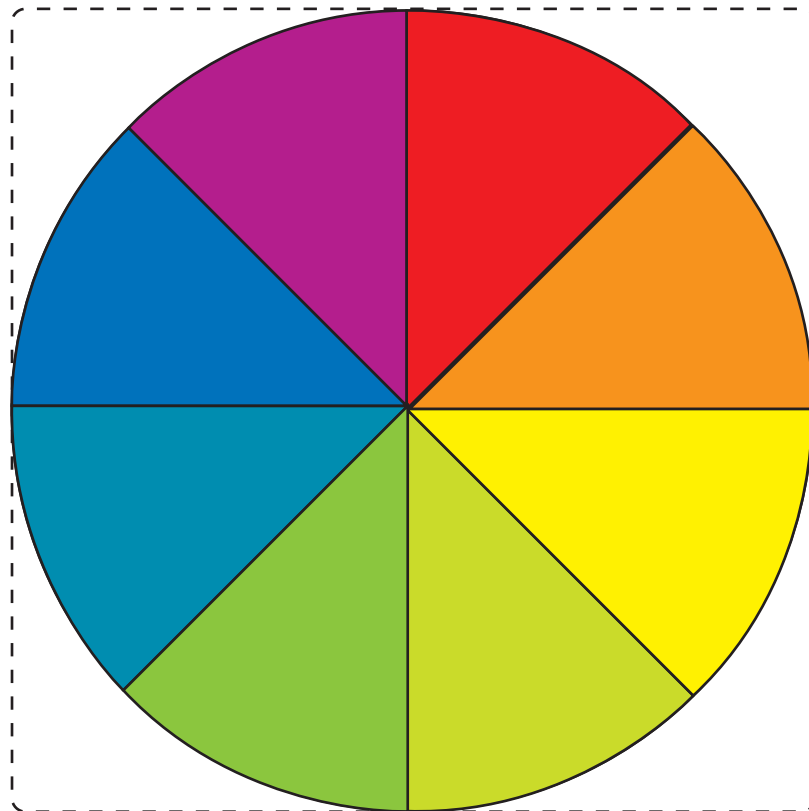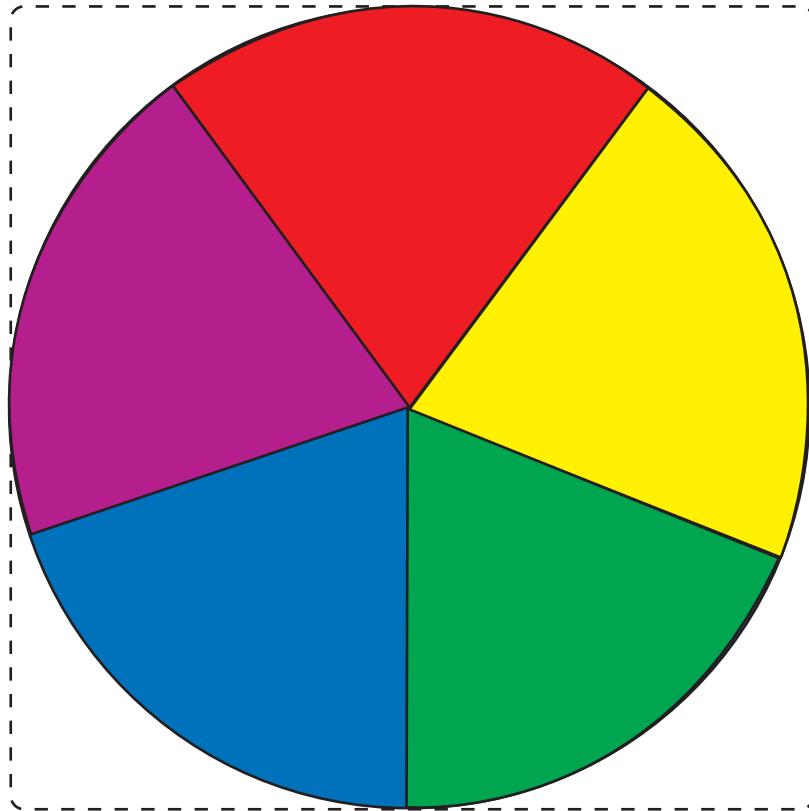
Table for Differences and Ratios

x							
y							
1st Differences							
2nd Differences							

y							
Ratios							

x							
y							
1st Differences							
2nd Differences							

y							
Ratios							

Holt Algebra 2

Number Lines

Holt Algebra 2
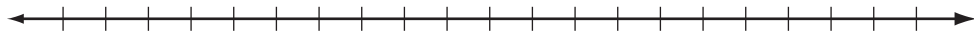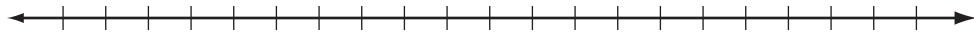
Graphing Calculator Screens

```
Plot1 Plot2 Plot3
\Y1=
\Y2=
\Y3=
\Y4=
\Y5=
\Y6=
\Y7=
```

```
WINDOW
 Xmin=
 Xmax=
 Xscl=
 Ymin=
 Ymax=
 Yscl=
 Xres=
```

```
L1      L2      L3      1



L1(1)=
```

```
Plot1 Plot2 Plot3
\X₁ₜ=
 Y₁ₜ=
\X₂ₜ=
 Y₂ₜ=
\X₃ₜ=
 Y₃ₜ=
\X₄ₜ=
```

```
TABLE SETUP
 TblStart=
 △Tbl=
IndPnt: Auto Ask
DePend: Auto Ask
```

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Holt Algebra 2
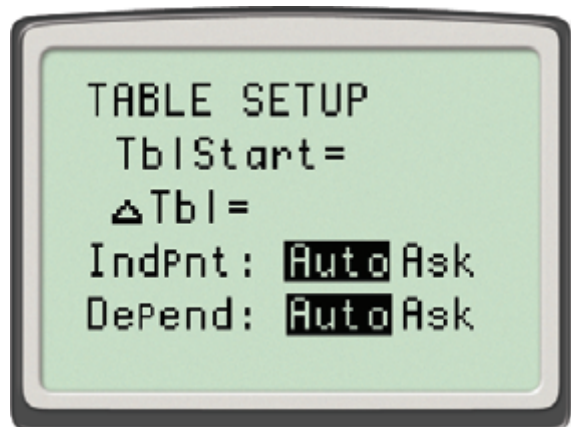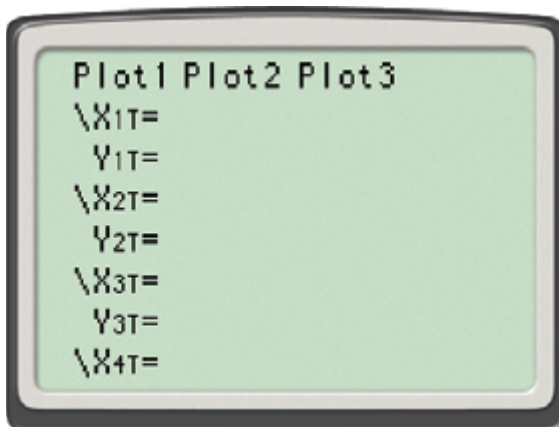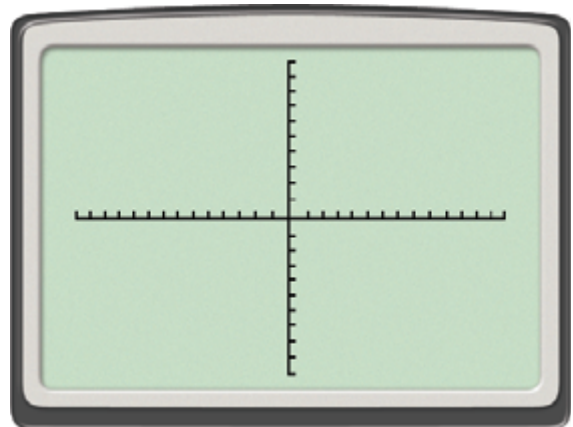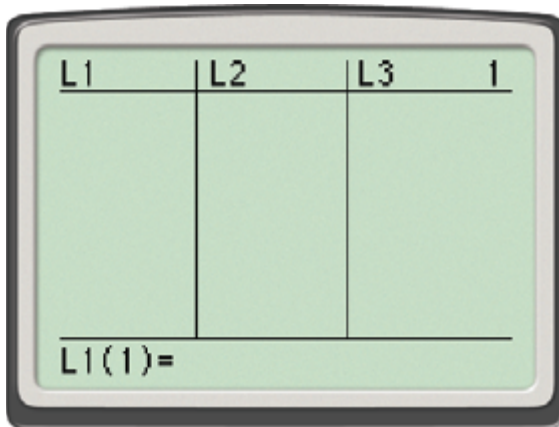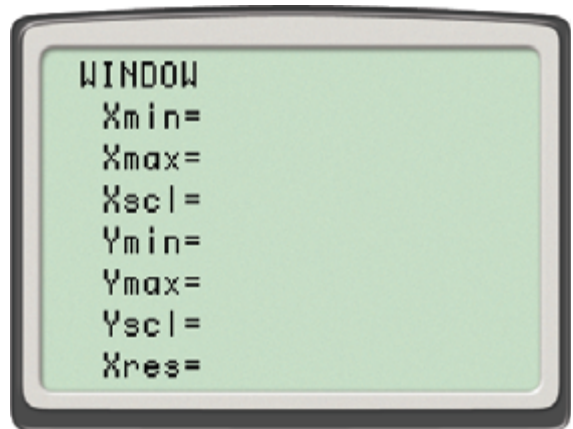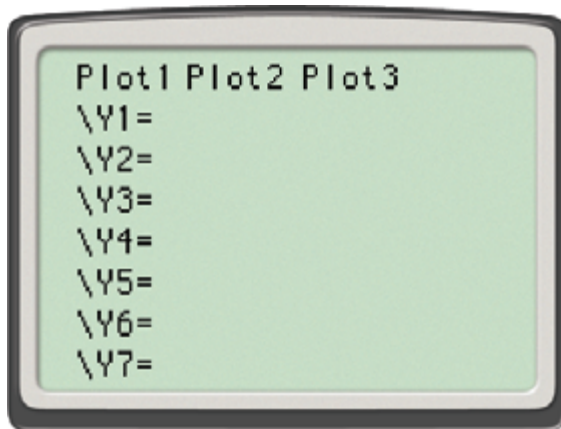
Graphing Calculator

First Quadrant Grid

25
Holt Algebra 2

Gridded Response

26

Holt Algebra 2