

1. Identify the following for each graph:

Domain: _____

Range: _____

End Behavior:

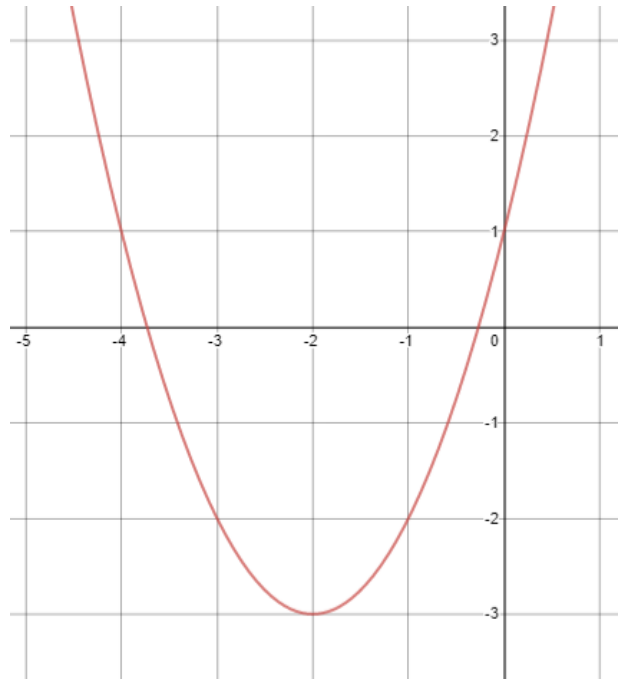
Increasing Intervals: _____

Decreasing Intervals: _____

Minimum: _____

Maximum: _____

Zeroes: _____



2. Identify the following for each graph:

Domain: _____

Range: _____

End Behavior:

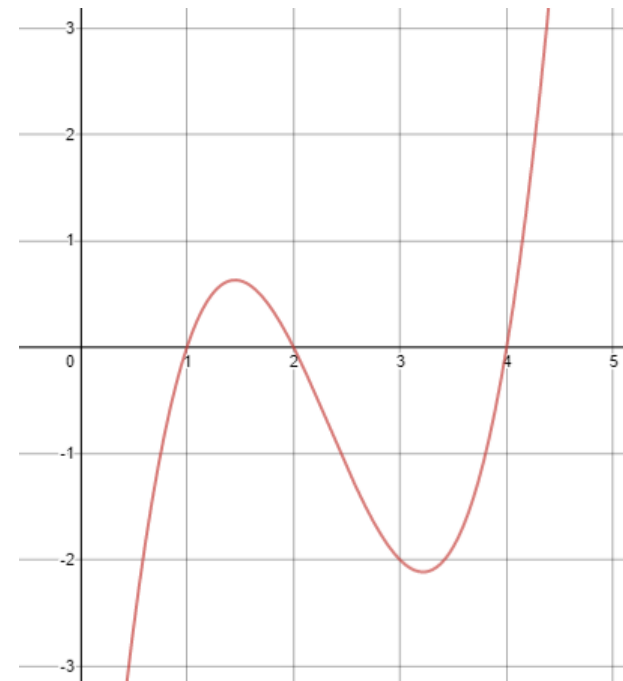
Increasing Intervals: _____

Decreasing Intervals: _____

Minimum: _____

Maximum: _____

Zeroes: _____



3. A fireworks projectile is launched at 20 meters per second from a 60-meter cliff. The table shows the height, y , in meters the projectile is above a field after x seconds.

Time (seconds)	0	1	2	3	4	5
Height (meters)	60	75	80	75	60	35

Make a scatter plot of the data.

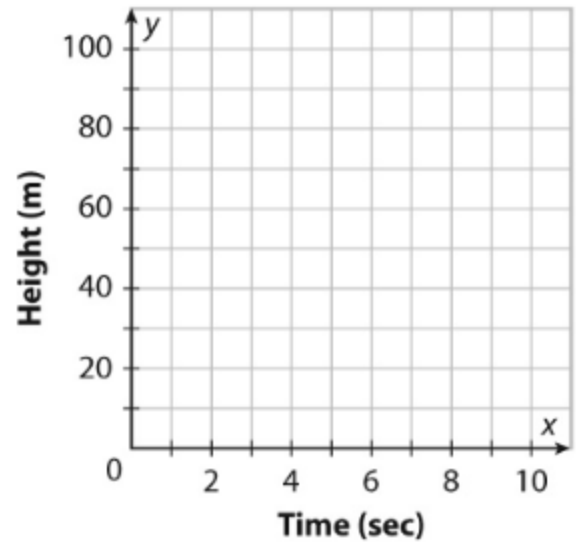
What is the domain?

What is the range?

What is the maximum height of the rocket?

What interval is the fireworks projectile increasing?

What interval is the fireworks projectile decreasing?



4. The table shows the height (in feet) of a golf ball at various times (in seconds) after a golfer hits the ball.

Time (s)	0	0.5	1	1.5	2	2.5	3	3.5	4
Height (ft)	0	28	48	60	64	60	48	28	0

Make a scatter plot of the data.

What is the domain?

What is the range?

What is the maximum height of the ball?

What interval is the ball increasing?

What interval is the ball decreasing?

