Duration-Bandwidth Product

Sort the following pulse shapes, in order of their
duration-bandwidth product, from largest to smallest:
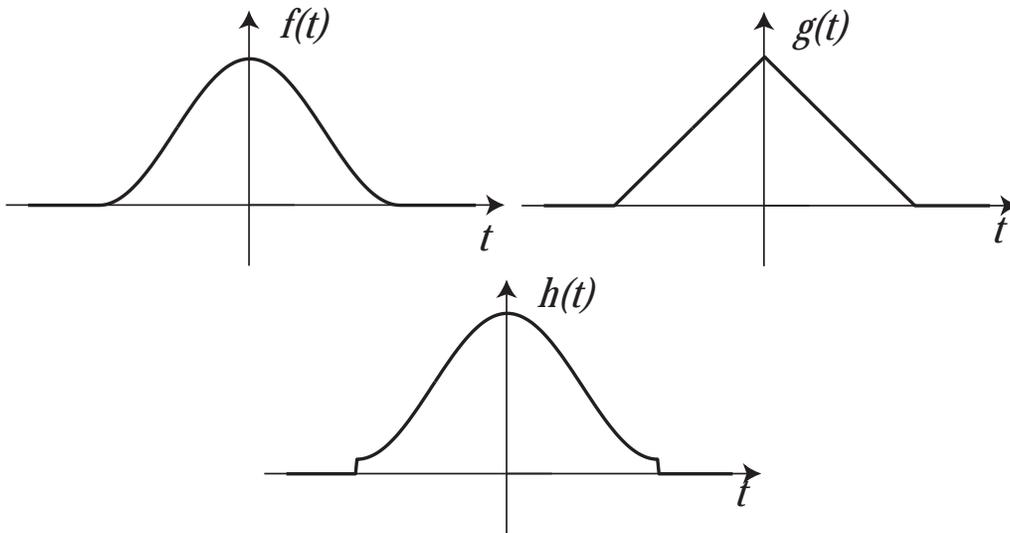
1. f, g, h

2. f, h, g

3. g, f, h

4. g, h, f

5. h, f, g

6. h, g, f

7. Don't know

Loran-C Navigation

Pulses are transmitted simultaneously from transmitter M and X. The pulse from X arrives at the receiving station before the pulse from M. Sketch the curve on the plane that describes the possible locations of the receiver. What is the name for the type of curve drawn?

M
●

X
●

Y
●
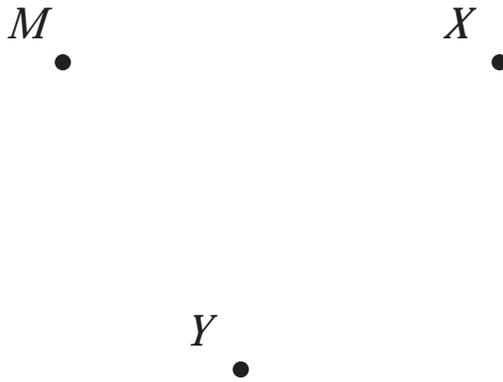
Loran-C Navigation

Pulses are transmitted simultaneously from transmitter M and X. The pulse from X arrives at the receiving station before the pulse from M. Sketch the curve on the plane that describes the possible locations of the receiver. What is the name for the type of curve drawn?

My confidence that I have the correct answer is:

1. 100%

2. 80%

3. 60%

4. 40%

5. 20%

6. 0%

Loran-C Navigation

Pulses are transmitted simultaneously from transmitter M and X. The pulse from X arrives at the receiving station before the pulse from X. The receiver can lie along a curve as shown in the figure below. The curve is a hyperbola.
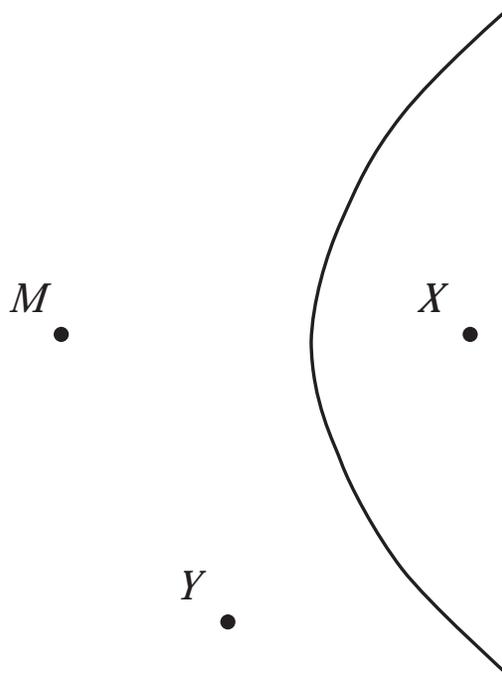
Loran-C Navigation

Pulses are transmitted simultaneously from transmitter M and X. The pulse from X arrives at the receiving station before the pulse from X. The receiver can lie along a curve as shown in the figure below. The curve is a hyperbola.

My answer

1. Was completely correct

2. Was mostly correct, with one or two minor errors

3. Had many errors

4. Was completely incorrect