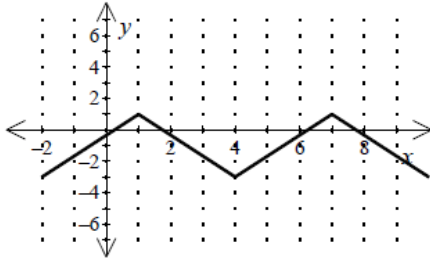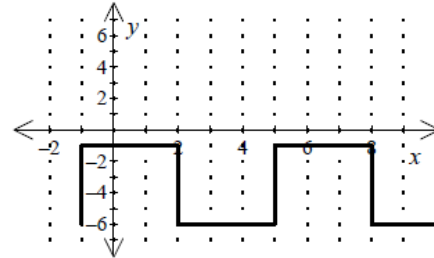Periodic Functions

1. Calculate the period and amplitude of the function or relation.
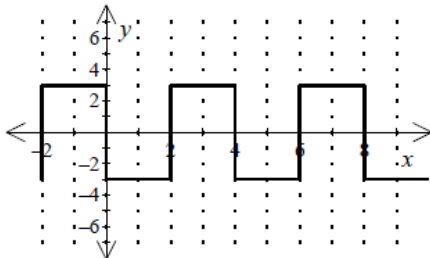

[A] period = 6; amplitude = 2

[B] period = 4; amplitude = 6

[C] period = 6; amplitude = 4

[D] period = 2; amplitude = 6

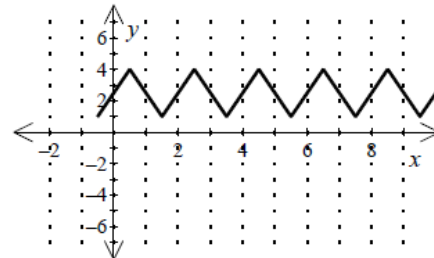3. Calculate the period and amplitude of the function or relation.

[A] period = 6; amplitude = 2.5

[B] period = 6; amplitude = 5

[C] period = 5; amplitude = 6

[D] period = 2.5; amplitude = 6

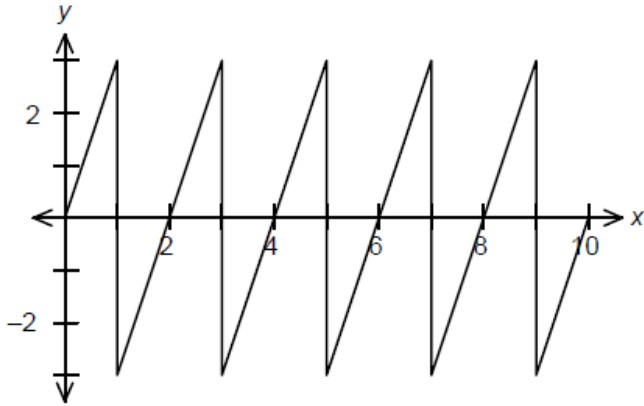2. Calculate the period and amplitude of the function or relation.

[A] period = 4; amplitude = 3

[B] period = 3; amplitude = 4

[C] period = 4; amplitude = 6

[D] period = 6; amplitude = 4

4. Calculate the period and amplitude of the function or relation.

[A] period = 3; amplitude = 2

[B] period = 2; amplitude = 3

[C] period = 1.5; amplitude = 2

[D] period = 2; amplitude = 1.5

1

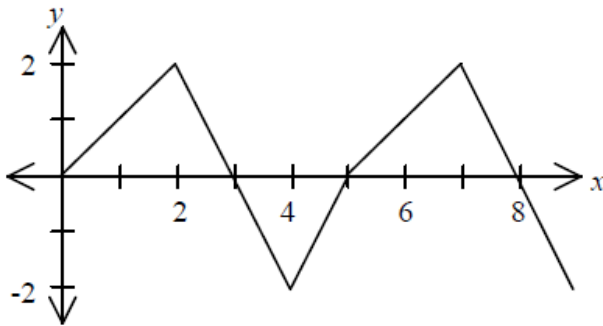5. What is the period and amplitude of this function?

[A] period: 2; amplitude: 1.5

[B] period: 3; amplitude: −2

[C] period: 2; amplitude: 3

[D] period: 3; amplitude: 2

6. From the graph below, state the period of this function.

Answers

[1] A

[2] A

[3] A

[4] D

[5] C

[6] 5