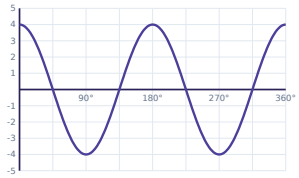
Task card 1 Graphs of Sine & Cosine

For y = cos(2x): What is the period, in degrees?

Task card 2 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the amplitude?



Task card 3 Graphs of Sine & Cosine

For y = 6cos(3x): What is the amplitude?

Task card 4 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the amplitude?

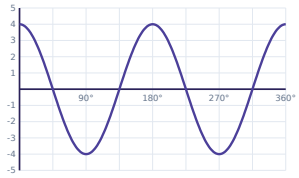


Task card 5 Graphs of Sine & Cosine

For y = 2sin(4x): What is the amplitude?

Task card 6 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the period, in degrees?

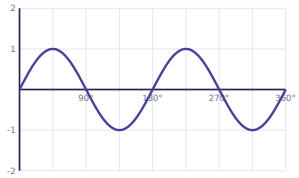


Task card 7 Graphs of Sine & Cosine

For y = 5cos(2x): What is the amplitude?

Task card 8 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the amplitude?

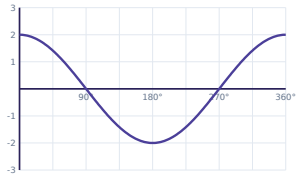


Task card 9 Graphs of Sine & Cosine

For y = sin(2x): What is the amplitude?

Task card 10 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the period, in degrees?

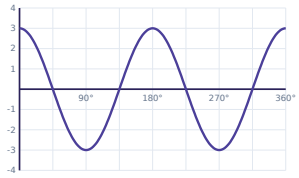


Task card 11 Graphs of Sine & Cosine

For y = 2sin(4x): What is the period, in degrees?

Task card 12 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the period, in degrees?

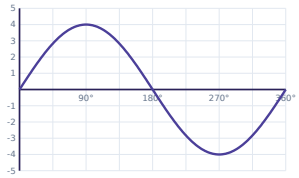


Task card 13 Graphs of Sine & Cosine

For y = 5sin(x): What is the period, in degrees?

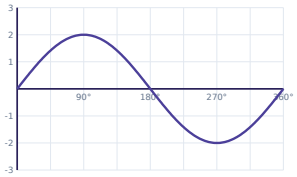
Task card 14 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the period, in degrees?



Task card 15 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the period, in degrees?

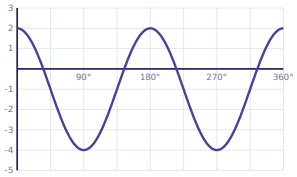


Task card 16 Graphs of Sine & Cosine

For y = 3cos(9x) - 5: What is the amplitude?

Task card 17 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the amplitude?

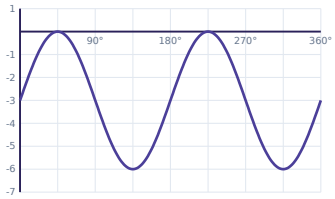


Task card 18 Graphs of Sine & Cosine

For y = 3sin(9x) + 4: What is the period, in degrees?

Task card 19 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the equation of the midline?

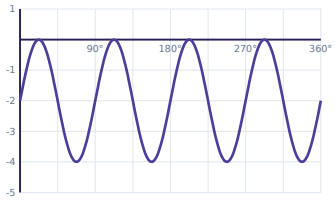


Task card 20 Graphs of Sine & Cosine

For y = -6cos(9x) + 2: What is the amplitude?

Task card 21 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the equation of the midline?

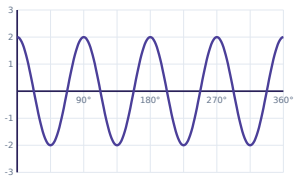


Task card 22 Graphs of Sine & Cosine

For y = -2sin(8x): What is the period, in degrees?

Task card 23 Graphs of Sine & Cosine

The graph shows a sine or cosine curve. What is the amplitude?



Task card 24 Graphs of Sine & Cosine

For y = 5cos(3x): What is the amplitude?

Graphs of Sine & Cosine Task Cards

Recording sheet · Grade 12 · Answer each question. x is measured in degrees; give periods and phase shifts in degrees and the midline as y = k.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Graphs of Sine & Cosine Task Cards: Answer Key

Grade 12 · Easy

The answers online

1. 180°	**2.** 4	**3.** 6
4. 2	**5.** 2	**6.** 180°
7. 5	**8.** 1	**9.** 1
10. 360°	**11.** 90°	**12.** 180°
13. 360°	**14.** 360°	**15.** 360°
16. 3	**17.** 3	**18.** 40°
19. y = -3	**20.** 6	**21.** y = -2
22. 45°	**23.** 2	**24.** 5