

## Math 373 Tentative Homework Assignments, Summer 2026

### HW 1, Due Monday, June 15

Early Homework Part 1, pages 1-7

### HW 2, Due Monday, June 22

Early homework Part 1, pages 8-12

Section 1.2, HW #45–50, 52, 55, 56, 58, 59, 81–88, 98–101

Section 1.3, HW #16–19, 24–27

### HW 3, Due Monday, June 29

Section 3.1, Reading Questions #1-9, Homework #9, 10, 16, 17, 26–31, 50–55, 62,

Section 3.2, Homework #4–9, 15–22, 35, 36, 42, 43

Section 3.3, Homework #2, 3, 6–17, 34–37, 42–51, 56–58

Section 3.4, Homework #34–44, 57

### HW 4, Due Monday, July 7

Section 4.2, HW #16, 17, 36–45, 64–72

Section 4.4, HW #8, 9, 14, 15, 35–38, 42–52 even, 68–71

Section 4.3, HW #20–40 all (must-have problems), 53–58, 77, 78, 83, 84

Section 5.1, #19, 21 (first one only), 22 (first one only)

Section 5.2, #14, 20–27, 30–45, 50–52

Section 5.3, #21a, 22a, 25ab, 26ab, 29–32 parts ab only, 35–38, 49–54

### HW 5, Due Monday, July 13

Section 5.4, #17–20, 26, 27

Section 5.5, #9–13

Graph:

a)  $y = \tan(x)$

b)  $y = \cot(x)$

c)  $y = \sec(x)$

d)  $y = \csc(x)$

e)  $y = 3 \cdot \tan(x)$

f)  $y = \tan(2x)$

g)  $y = \cot\left(\frac{x}{2}\right)$

h)  $y = \frac{1}{3} \cdot \sec(x)$

i)  $y = \csc(4x)$

Section 7.1, #18–40 (evens), 57, 58, 64, 67

Graph:

j)  $y = \arcsin(x)$

k)  $y = \arccos(x)$

l)  $y = \arctan(x)$

**HW 6, Due Monday, July 20**

Section 6.1, #5–40 (by 5s!!!)

Section 6.2, #12, 13, 17, 26, 35, 62

Section 6.3, #32, 36, 41 (use a calculator for the arithmetic)

Section 6.4, #23, 27

Section 6.5, #1–3, 7–9, 16 (just one), 17 (just one)

**HW 7, Due Monday, July 27**

Section 7.3, #1, 2, 8, 9, 10, 16–18, 24, 25, 35, 36, 38, 39, 58–62

Section 7.4, #5, 6, 14, 15, 21, 22, 71, 72

Section 8.1, #1–13, 16–19, 25–28

Section 8.2, #2–5, 7, 8–21, 36–43

Section 8.4, #29, 30, 33, 34, 41–48, 57, 58

Section 8.5, #14, 15, 32–35, 52–55, 60, 61

**HW 8, Due Thursday, July 30**

Section 9.1, #8–23, 28–35, 44–51, 71–76

Section 9.2, #5, 7, 11, 12, 17a, 19ab (use a GC if you have one)

Section 9.3, #12–30

Section 9.4, #5–8, 13–16, 25, 26, 33, 35