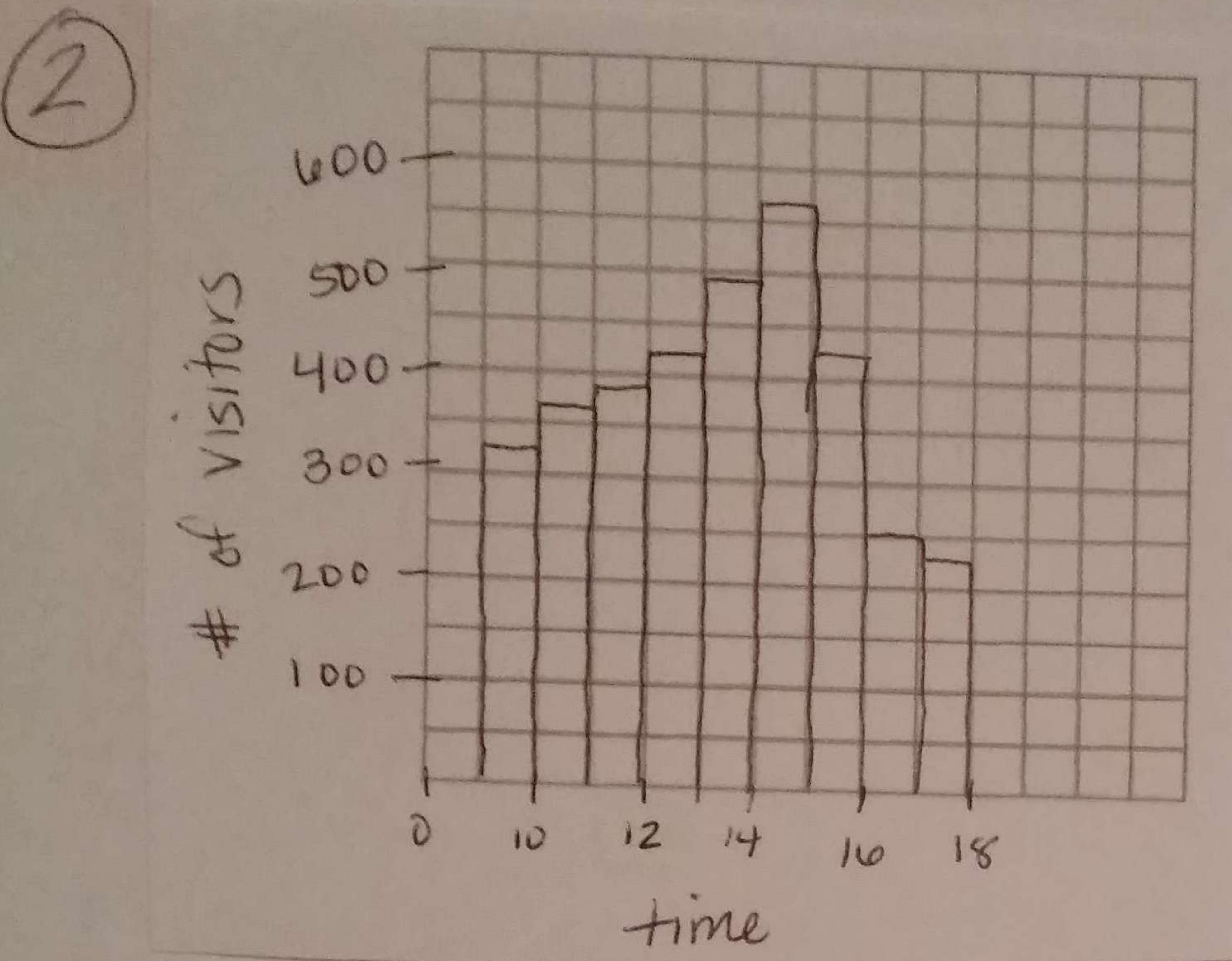


Unit 2a HW1

① $m = 6$
 $n = 3$



③ $S = 5$
 $t = 11$

④ a) $\frac{76 + 54 + 65}{3} = 65 = \text{mean}$

b) $\frac{76 + 54 + 65 + x}{4} = 68$

$x = 77$

⑤ a) $\frac{5(81) + x}{6} = 80$ $x = 75$

b) $\frac{3(78) + x}{4} = 80$ $x = 86$

⑥ a) $4 + 3 + 8 + 5 + 4 + 1 = 25$

b) mode = 2

c) $\frac{0(4) + 1(3) + 2(8) + 3(5) + 4(4) + 5(1)}{25}$

$= 2.2$

⑦ a) $30 - (4 + 5 + 3 + 6 + 5) = 7$

$\bar{n} = 7$

b) $\frac{1(4) + 2(5) + 3(3) + 4(7) + 5(6) + 6(5)}{30}$

$= 3.7$

⑧ a) $\frac{1(1) + 2(6) + 3(19) + 4(34) + 5(32) + 6(18) + 7(10)}{120}$

$= 4.53$

b) $\frac{34 + 32}{120} = .55 \times 100$

55%

c) mode = 4