

Alg 2

Stats

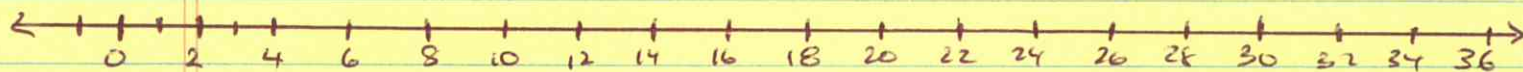
Box-and-Whisker
Plots

$$\frac{10+11}{2} = 10.5$$

11

Q₁Q₂Q₃

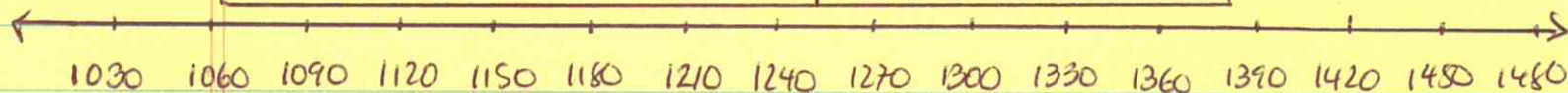
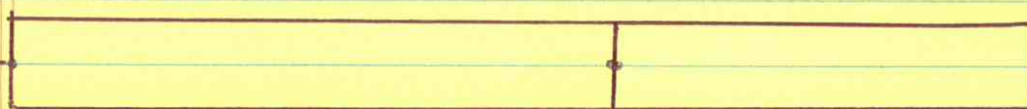
① 2 3 3 4 4 5 ⑥ 7 7 8 9 10 10 | 11 11 12 13 13 14 ⑤ 15 21 29 30 32 32

Q₁

$$Q_2 = (1222 + 1287) / 2 = 1254.5$$

Q₃

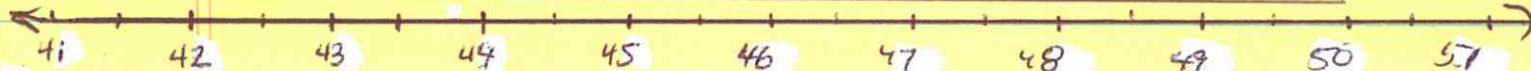
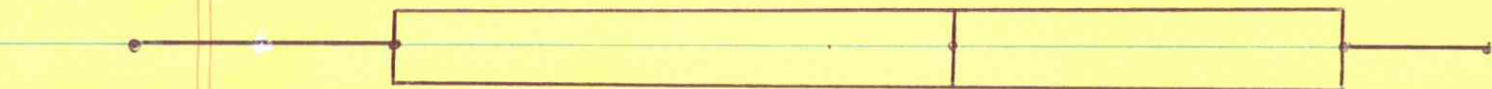
② 1032 1045 1054 ① 1067 1109 1165 1222 | 1287 1298 1384 ③ 1385 1398 1456 1499

Q₁

$$Q_2 = (46.8 + 47.9) / 2 = 47.35$$

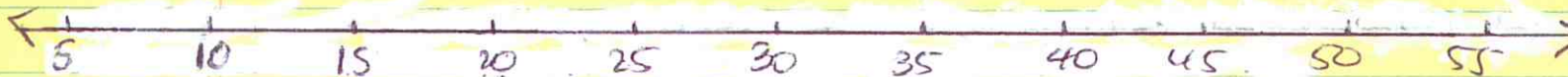
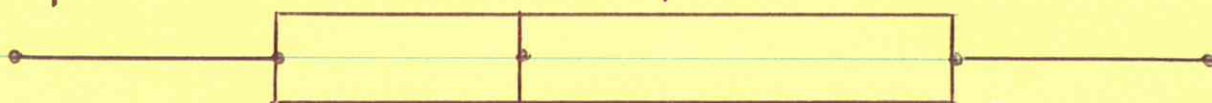
Q₃

③ 41.6 42.5 ④ 43.4 46.5 46.8 | 47.9 49.5 ⑤ 50 50.2 51



$$Q_1 = \left(\frac{21+22}{2}\right) = 21.5 \quad Q_2 = (29+31)/2 = 30 \quad Q_3 = (44+46)/2 = 45$$

④ 12 19 19 20 21 | 22 23 25 27 29 | 31 33 41 42 44 | 46 48 48 52 53



⑤ a) $\bar{x} = \frac{568.3}{12} = 47.36$ b) $Q_2 = \frac{49.1 + 50.4}{2} = 49.75$ c) mode = 50.8

d) $Q_1 = 44.85$ $Q_3 = 51.1$

January Ave Temps - Mid South Cities

