(a) $\sigma = 6426$
(b) $\sigma = 6196$
(c) $\sigma = 6170$
(d) $\sigma = 6169$
(e) $\sigma = 6079$
(f) $\sigma = 6020$
(g) $\sigma = 5947$
(h) $\sigma = 5741$
(i) $\sigma = 5669$
(j) $\sigma = 5533$
(k) $\sigma = 5508$
(l) $\sigma = 5492$
(m) $\sigma = 5443$
(n) $\sigma = 5416$
(o) $\sigma = 5285$
(p) $\sigma = 5244$
(q) $\sigma = 5217$
(r) $\sigma = 5158$
(s) $\sigma = 5075$
(t) $\sigma = 5031$
(u) $\sigma = 5005$