## Activity 3

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1. (a) 4700KD = 1+=(4700 ± 47)KD
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2. (a) Mastech MS8268 (b) 400 \( 1 \) 46 \( 1 \) 140 \( \) \( \) 140 \( \) 140 \( \) \( \) 140

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3.69^{4},76M\Omega 3(rAg)=57,12 K\Omega

(b) 38.9K\Omega 3(rAg)=466.80 \Omega

(c) 1.417K\Omega 3(rAg)=17,96 \Omega

(d) 0.5350M\Omega 3(rAg)=9.99 K\Omega
3004,76MD
 (e) w.11 MQ & (rdy) = 121,32 K D
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4. Reported	Range	Observed	Range
(a) 1.7M IZ + 17.	4.65MD-4.75MD	(4.76 ± 57,12)10	4.70 MIZ-4.4202
(b) 39,0K D I 17.	38,6KD-39,39KD	38.9KD = 466,80	38.43KQ-31,37KD
(P) 1.5KQ+11.	1.49 KD-1,52KD		
(d) 083 MQ ± 17.	0.82MD - 0.84MD	0.83 MQ+9,96KB	0,87MQ-0,89mg
(e) 10 MOI 17	9,9MQ - W,1MQ	10.10/112 ± 121,2014	9.98 MQ - 102 M2

Agree, only for (d).

- 5. Factory tolorance is more precise.
- 6. (a) 4.7 MOI + 47KA + 10MOL + 100KO = 14, MOL 147KA
  - (b) 14.85 MQ
  - (c) 14.7MQ+147KQ=14.85MJZ ogreg
  - (d) I don't know how this is different to

7. (1) = 3.197MI ± 32 KIZ

- (b) 3,245 Ms2
  - (c) NO
- 8, 11. +1
- 9. Open Voltage (4,97 VI(0,71. +2)
  - (a)
    (b) The Multimeter has lower uncertainty