1) a) longer
b) shorter
c) shorter
d) longer
2) 

| Samuel |  | Rhian |
| :---: | :---: | :---: |
| 13 cm 2 mm | $>$ | 123 mm |
| 195 mm | $=$ | 19 cm 5 mm |
| 205 mm | $<$ | 25 cm |
| 36 cm 3 mm | $>$ | 336 mm |
| 50 mm | $<$ | 15 cm |

3) a) $56 \mathrm{~mm}, 15 \mathrm{~cm} 6 \mathrm{~mm}, 50 \mathrm{~cm} 6 \mathrm{~mm}, 560 \mathrm{~mm}, 5 \mathrm{~m}, 6 \mathrm{~cm}, 560 \mathrm{~cm}$
b) Various answers are possible, including:
$56 \mathrm{~mm}<560 \mathrm{~cm}>50 \mathrm{~cm} 6 \mathrm{~mm}$
$15 \mathrm{~cm} 6 \mathrm{~mm}<50 \mathrm{~cm} 6 \mathrm{~mm}>56 \mathrm{~mm}$
4) a) Emily is not correct. The robin is 230 mm tall, which is equivalent to 23 cm .23 cm is less than 68 cm - the height of the sparrowhawk.
b) Nicole is not correct - she has ordered the birds in descending order, from tallest to shortest.
5) a) 121 cm 5 mm and 72 cm 3 mm are incorrectly placed. 121 cm 5 mm should be in the bottom left box and 72 cm 3 mm should be in the top left box.
b) Nicole is correct as a measurement cannot be longer than Im but shorter than $600 \mathrm{~mm}(60 \mathrm{~cm})$.
6) a)

b) Children's answers will vary.
7) Children's answers will vary.
