Lesson 9: Equivalent difference

1. $95 - 7 = 88$ $96 - 8 = 88$
   $97 - 9 = 88$
   $98 - 10 = 88$ (circled)

2. $298 - 139 = 159$
   $299 - 140 = 159$

3. $235 - 98$
   $236 - 99$
   $237 - 100 = 137$ (circled)
   $238 - 101 = 137$
   $239 - 102 = 137$

   Jan's tower is 137 cm taller.

4. a) 1,434
     1,434

   b) Children select $1,000 - 518$
      Explanations will vary but should identify that
      an equivalent subtraction is $999 - 517$. This can
      be solved without any exchange to give the
      answer 482.

5. Methods chosen may vary. One possible method is
   suggested for each.
   $2,950 - 850 = 2,100$ (mental: subtract 100s and 10s)
   $2,875 - 1,989 = 886$ (change to equivalent subtraction
   $2,886 - 2,000$ and subtract 1,000s)
   $3,011 - 2,997 = 14$ (mental count up)
   $8,001 - 4,567 = 3,434$ (change to equivalent
   subtraction $7,999 - 4,565$ and use column method)
   $6,626 - 6,618 = 8$ (mental: count up)
   $9,009 - 10 = 8,999$ (mental: count back to 9,000, then
   1 more)

Reflect

Answers will vary. Children may suggest that they will
work out the equivalent subtraction $999 - 954$ to get the
answer 45 or they may use number bonds to 100.