NUMBER 3

3

1. Write the temperature shown on the following thermometers.

(a) °C

(b) °C

(c) °C

10

0

−10
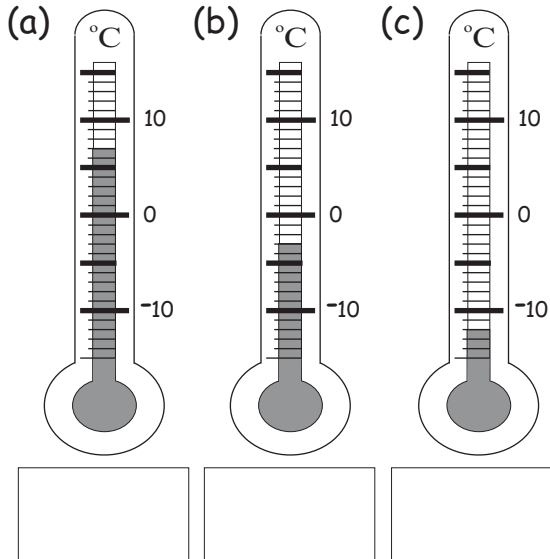
2. (a) The minimum temperature overnight at Mt. Hotham was ⁻6°C. The following day the temperature reached a maximum of 7°C. By how many degrees did the temperature rise?

(b) The temperature then dropped by 10° to the following night's minimum. What was the minimum temperature on the following night?
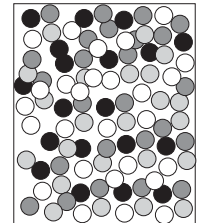
3. Merryn and Onslo guessed the number of lollies that were in a large jar.
Merryn guessed 76.
Onslo guessed 96.
There were 88 lollies in the jar.
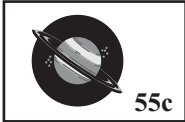(a) Who was closest with their guess?

(b) Merryn and Onslo divided the lollies into two piles.
Merryn counted 41 in her pile.
How many lollies were in Onslo's pile?

(c) How many lollies should Onslo give to Merryn so they both have the same number?

4. Aaron's job was to put the stamps on parcels to be posted.
He had three different stamp sizes to use:
40 cents, 50 cents and 55 cents.

40c 50c 55c

He could make many different stamp amounts using combinations of these stamps.

Examples
80c = 40c + 40c
$1.45 = 40c + 50c + 55c
$1.90 = 40c + 40c + 55c + 55c

Find the combinations of stamps needed to make the following stamp totals.

(a) $1.40

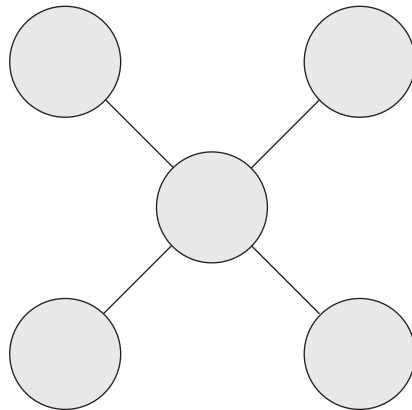_____

(b) $1.95

_____

(c) $2.20

_____

(d) $3.50

_____

(e) $4.15

_____

5. Place numbers in the squares and circle to make this addition correct. The numbers in squares are the same but different to the number in the circle.

$$+ \begin{array}{cc} \square & \square \\ \bigcirc & \square \end{array}$$

1 0 0

6. Fill in the circles in the diagram below with the numbers 1, 2, 3, 4 and 5 so that each line adds to the same total.

7. Rearrange the numbers and symbols below to make an equation that is correct.

Example

| 1 | 2 | 3 | 4 | 7 | + | = |

These could be rearranged to form:

| 2 | 4 | + | 7 | = | 3 | 1 |

| 3 | 4 | 5 | 6 | 9 | + | = |

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