Mathematics   Date: ……………..
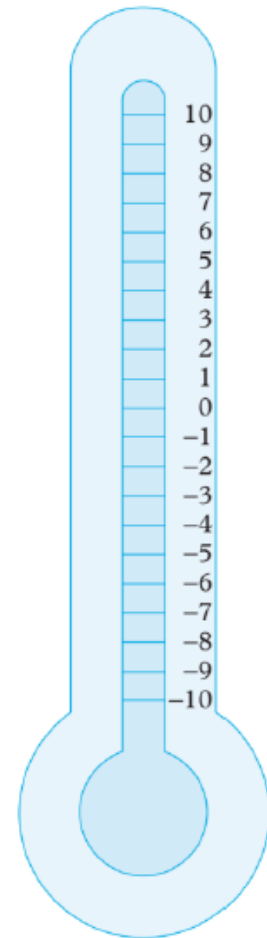# Negative Numbers

Exercise A

In questions **1** to **12** move up or down the thermometer to find
the new temperature.

1 The temperature is +8° and it falls by 3°.

2 The temperature is +4° and it falls by 5°.

3 The temperature is +2° and it falls by 6°.

4 The temperature is −1° and it falls by 6°.

5 The temperature is −5° and it rises by 1°.

6 The temperature is −8° and it rises by 4°.

7 The temperature is −3° and it rises by 7°.

8 The temperature is +4° and it rises by 8°.

9 The temperature is +9° and it falls by 14°.

10 The temperature is −13° and it rises by 13°.

11 The temperature is −6° and it falls by 5°.

12 The temperature is −25° and it rises by 10°.

Exercise B

Do these calculations.

1 −6 + 2	**2** −7 − 5	**3** −3 − 8	**4** −5 + 2
5 −6 + 1	**6** 8 − 4	**7** 4 − 9	**8** 11 − 19
9 4 + 15	**10** −7 − 10	**11** 16 − 20	**12** −7 + 2
13 −6 − 5	**14** 10 − 4	**15** −4 + 0	**16** −6 + 12
17 −7 + 7	**18** 2 − 20	**19** 8 − 11	**20** −6 − 5
21 −8 − 4	**22** −3 + 7	**23** −6 + 10	**24** −5 + 5
25 −11 + 3	**26** 7 − 10	**27** −5 + 8	**28** −12 + 0
29 −1 + 19	**30** 20 − 25	**31** −6 − 60	**32** −2 + 100

Exercise C

Do these calculations.

1 $-3 + (-5)$ **2** $-5 - (+2)$ **3** $4 - (+3)$

4 $-3 - (-4)$ **5** $6 - (-3)$ **6** $16 + (-5)$

7 $-4 + (-4)$ **8** $20 - (-22)$ **9** $-6 - (-10)$

10 $95 + (-80)$ **11** $-3 - (+4)$ **12** $-5 - (+4)$

13 $6 + (-7)$ **14** $-4 + (-3)$ **15** $-7 - (-7)$

16 $3 - (-8)$ **17** $-8 + (-6)$ **18** $7 - (+7)$

19 $12 - (-5)$ **20** $9 - (+6)$ **21** $-3 - (-2)$

22 $8 + (-11)$ **23** $10 - (-2)$ **24** $-7 + (-2)$

25 $9 - (+6)$ **26** $7 + (-7)$ **27** $0 - (-8)$

28 $-6 - (-8)$

Exercise D

1 $-3 \times (+2)$ **2** $-4 \times (+1)$ **3** $+5 \times (-3)$ **4** $-3 \times (-3)$

5 $-4 \times (2)$ **6** $-5 \times (3)$ **7** $6 \times (-4)$ **8** $3 \times (2)$

9 $-3 \times (-4)$ **10** $6 \times (-3)$ **11** $-7 \times (3)$ **12** $-5 \times (-5)$

13 $6 \times (-10)$ **14** $-3 \times (-7)$ **15** $8 \times (6)$ **16** $-8 \times (2)$

17 $-7 \times (6)$ **18** $-5 \times (-4)$ **19** $-6 \times (7)$ **20** $11 \times (-6)$

21 $8 \div (-2)$ **22** $-9 \div (3)$ **23** $-6 \div (-2)$ **24** $10 \div (-2)$

25 $-12 \div (-3)$ **26** $-16 \div (4)$ **27** $4 \div (-1)$ **28** $8 \div (-8)$

29 $16 \div (-8)$ **30** $-20 \div (-5)$ **31** $-16 \div (1)$ **32** $18 \div (-9)$

33 $36 \div (-9)$ **34** $-45 \div (-9)$ **35** $-70 \div (7)$ **36** $-11 \div (-1)$

37 $-16 \div (-1)$ **38** $100 \div (-10)$ **39** $-2 \div (-2)$ **40** $50 \div (-10)$

41 $-8 \times (-8)$ **42** $-9 \times (3)$ **43** $10 \times (-60)$ **44** $-8 \times (-5)$

45 $-12 \div (-6)$ **46** $-18 \times (-2)$ **47** $-8 \div (4)$ **48** $-80 \div (10)$