

# Level 4: Homework 15

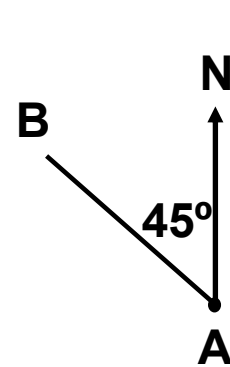
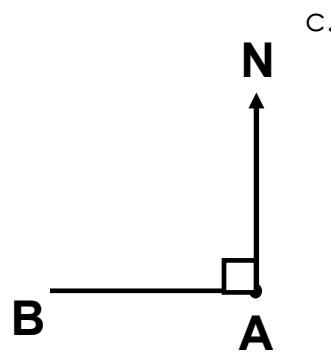
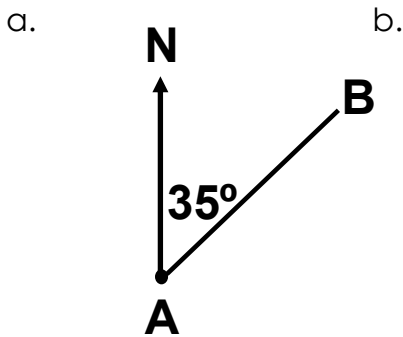
1.  $15 \cdot 6 + 4 \cdot 712$       2.  $0 \cdot 46 - 0 \cdot 1$       3.  $11 \cdot 78 \times 9$       4.  $59 \cdot 4 \div 6$

5. If  $a = 5$  and  $b = 3$  find the value of:-

a.  $a + b$       b.  $a - b$       c.  $ab$       d.  $a + 2b$

e.  $a^2$       f.  $3a - 2b$

6. Write down the bearing from **A to B** in the diagrams below.



7. Simplify:-

a.  $t + 3k + 4t + 7k$       b.  $5x + 4y - 3x - 4y$

c.  $10g - 4 - 2g + 5$

8. Solve:-

a.  $x - 3 = 7$

b.  $7x = 7$

c.  $3x + 4 = 10$

3. A train display shows letters by lighting cells in a grid, such as the letter 'o' shown. A letter is made **bold** by also lighting any unlit cell immediately to the right of one in the normal letter. How many cells are lit in a **bold** 'o'?

- A 22      B 24      C 26      D 28      E 30

