

Review Questions – 1 (Friday Group)

Exercise A

Simplify the following expressions by collecting like terms.

1) $4x = 3y - 8x - 5y$

2) $6x^2 - 5x - 10x^2 + 2x$

3) $10y^2 + 3y - 9y - 15y^2$

Exercise B

Work out without using a calculator,

1) $15 - 20 =$

2) $-8 + 10 =$

3) $-7 - 5 =$

4) $-9 + 5 =$

5) $-6 - 4 =$

6) $8 - 12 =$

7) $-7 \times 3 =$

8) $-8 \times -4 =$

9) $10 \div -5 =$

10) $-8 \div -2 =$

Exercise C

Expand the brackets.

1) $2(3x - 5)$

2) $-3(2x - 4)$

3) $4x(2x + 3)$

4) $6y(2 - 5y)$

Exercise D

Simplify:

1) $3x^4 \times 5x^2$

2) $6y^3 \times 2y^5$

3) $(x^4)^3$

4) $(y^2)^5$

5) $3(x^5)^2 \times 6x^4$
