

YEAR 11 MINI-ASSESSMENT 1
FOUNDATION – ALGEBRA

1. Write down the correct algebraic expression for...
- (a) a multiplied by b

 - (b) r less than m

 - (c) p more than r which is then divided by 2.

[3 marks]

2. Simplify the following expressions

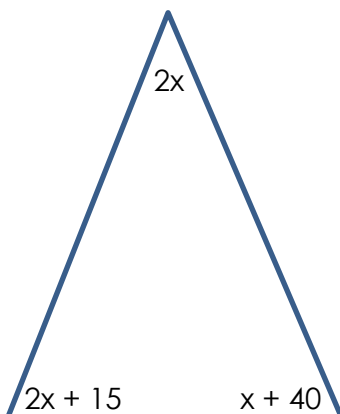
(a) $(x + 6)(x - 3)$

(b) $4(3x - 2) + 3(4 - 5x)$

(c) $\frac{r^4 \times r}{r^2}$

(6 marks)

3. The sizes of the angles (in degrees) of this triangle are
 $2x$, $2x + 15$, $x + 40$
Work out the value of x .



[3 marks]