

### QUESTION 1

a Write the following in numeral form.

i Five hundred and nine thousand and sixty-three \_\_\_\_\_

ii Eighty-three thousand and nine \_\_\_\_\_

b Evaluate the following algebraic expressions when  $x = 4$  and  $y = -12$

i  $x + y$  \_\_\_\_\_ ii  $xy$  \_\_\_\_\_ iii  $x - y$  \_\_\_\_\_

iv  $3x + 2y$  \_\_\_\_\_ v  $(x - y)^2$  \_\_\_\_\_ vi  $y^2 - x$  \_\_\_\_\_

QUESTION 2 Write in symbols.

a The product of  $p$  and twice  $q$  \_\_\_\_\_

b The sum of three times  $x$  and seven times  $y$  \_\_\_\_\_

c The quotient of the product of  $p$  and  $q$  and the difference between  $p$  and  $q$  \_\_\_\_\_

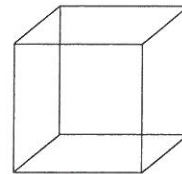
### QUESTION 3

a Name the solid drawn. \_\_\_\_\_

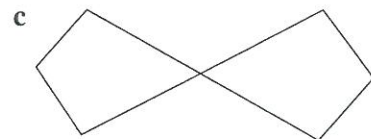
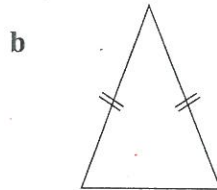
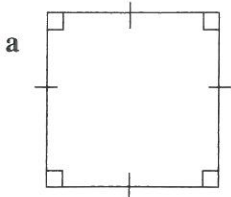
b Find the number of i vertices \_\_\_\_\_

ii edges \_\_\_\_\_

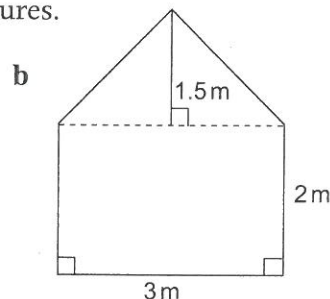
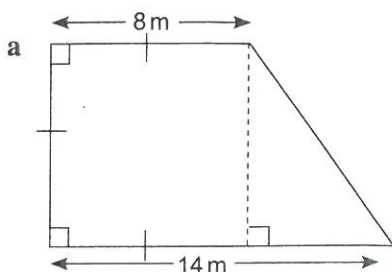
iii faces \_\_\_\_\_



QUESTION 4 Draw in all axes of symmetry for the following plane figures.



QUESTION 5 Find the areas of the following figures.



QUESTION 6 What is the length of time between:

a 10 a.m. and 11.00 a.m. \_\_\_\_\_ b 3.30 a.m. and 5.40 a.m. \_\_\_\_\_

c 5 p.m. and 9 p.m. \_\_\_\_\_ d 3.25 a.m. and 7.45 a.m. \_\_\_\_\_

e 6 a.m. and 11.00 a.m. \_\_\_\_\_ f 5.10 a.m. and 10.30 a.m. \_\_\_\_\_