2021 WORKSHEET 5

MATHEMATICS YEAR 8

Answer all the questions in the Mathematics Activity book.

1. Expand the following expressions and find the correct answer.

   a. 3^4 =

   (1 mark)

   b. 5^{10} =

   (1 mark)

   c. 7^5 =

   (1 mark)

   d. 10^3 =

   (1 mark)

   e. 2^6 =

   (1 mark)

   f. 4^5 =

   (1 mark)

2. Find the correct value of the pro-numeral with necessary working.

   a. $6p = 12$

   (1 mark)

   b. $\dfrac{n}{8} = 4$

   (1 mark)

   c. $a + 14 = 24$

   (1 mark)

   d. $i^2 + 2 = 6$

   (2 marks)

   e. $2i + 1 = 11$

   (2 marks)

   f. $8b + 4 = 36$

   (2 marks)

   g. $5(p - 2) = 20$

   (2 marks)

   h. $\dfrac{6x}{12} = 4$

   (2 marks)

   i. $3a - 1 = 5$

   (2 marks)

   j. $7i - 3 = 4$

   (2 marks)