

6

$$A = 2^3 \times 3^4 \times 5^3 \times 11$$
$$B = 2^2 \times 3^3 \times 5^4$$

Find the lowest common multiple (LCM) of  $2A$  and  $7B$   
Give your answer as a product of prime factors.

(Total for Question 6 is 2 marks)

7 Without using a calculator, and showing all your working, evaluate

$$3\frac{2}{3} + 2\frac{4}{5}$$

Give your answer as a mixed number in its simplest form.

(Total for Question 7 is 3 marks)

