

ANSWER ALL QUESTIONS

1. Find the least number which leaves a remainder of 4 when divided by 15, 25 or 35 (2marks)

2. Evaluate

$$\frac{\frac{2}{3} \left(1 - \frac{2}{5} \times \frac{1}{4} \right)}{\frac{7}{30} + \frac{1}{3} \text{ of } \frac{3}{5}}$$

(3marks)

3. Find the H.C.F of the following numbers 126, 462 and 588 (2marks)

4. The L.C.M of three numbers is $2^4 \times 3^3 \times 7 \times 11$ and their G.C.D is 2310. If two numbers are 189000 and 35280, find the third number. (3marks)

5. Use the number line to work out $2 - 5 + 3 - 4$ (2marks)

6. Use tables to evaluate $4.8^2 - 1.72^2$

7. Given that $a = 3$, $b = -2$ and $c = -3$

$$\frac{2b + c}{a - c}$$