

# K Education Centre

## GCSE Maths - Foundation

Revision Topics-

Assignment Questions

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Year 2024

## Revision Topics-

Q1: A crate exerts a force of 800 Newtons (N) on the floor of a factory. The area of the base of the crate is  $5 \text{ m}^2$ . Work out the pressure exerted on the crate.

Q2: A lorry has 4 tyres. The area of each tyre in contact with the road is  $80 \text{ cm}^2$ . The pressure the truck exerts on the road is  $600\,000 \text{ N/m}^2$ . Calculate the force that truck exerts on the road.

Q3: The grouped frequency table gives the information about time workers take to get to the office. Complete the cumulative frequency.

Time t in minutes	Frequency	Cumulative Frequency
$0 < t \leq 20$	5	
$20 < t \leq 40$	10	
$40 < t \leq 60$	30	
$60 < t \leq 80$	20	
$80 < t \leq 100$	15	

Q4: Find the value of reciprocal of 3.6

Q5: Write down the reciprocal of 40.

Q6: Thomas rounds a number,  $x$ , to one decimal place. The result is 9.8. Write down the error interval for  $x$ .

Q7: Write down reciprocal of  $\frac{1}{2}$