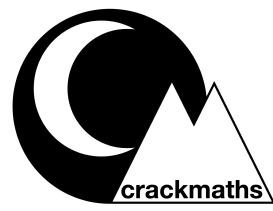


63. How to estimate the mean from a grouped frequency table



Practice Questions: Round to answers 2 decimal places

1. Estimate the mean of the values in the frequency table

Length (mm)	Frequency
$50 < w \leq 55$	4
$55 < w \leq 60$	5
$60 < w \leq 65$	10
$65 < w \leq 70$	11
$70 < w \leq 75$	12

2. Estimate the mean of the values in the frequency table

Age (years)	Frequency
$20 < y \leq 21$	6
$21 < y \leq 22$	4
$22 < y \leq 23$	11
$23 < y \leq 24$	9

3. Estimate the mean of the values in the frequency table

Countries visited	Frequency
0 - 5	10
6 - 10	7
11 - 15	3

63. How to estimate the mean from a grouped frequency table



Practice Questions: Round answers to 2 decimal places

4. Estimate the mean of the values in the frequency table

Water (gallons)	Frequency
$10 < v \leq 15$	3
$15 < v \leq 20$	12
$20 < v \leq 25$	4
$25 < v \leq 40$	1

5. Estimate the mean of the values in the frequency table

Travel (minutes)	Frequency
$20 < t \leq 30$	50
$30 < t \leq 40$	78
$40 < t \leq 50$	72

6. Estimate the mean of the values in the frequency table

Price (£)	Frequency
0.00 - 19.99	401
20.00 - 29.99	325
30.00 - 39.99	127
40.00 - 49.99	4
50.00 - 59.99	143

63. How to estimate the mean from a grouped frequency table



Practice Questions: **Answers**

1. Estimate the mean of the values in the frequency table

1. Estimate of Mean:
= $2735 \div 42 = 65.12$ mm

Length (mm)	Frequency
$50 < w \leq 55$	4
$55 < w \leq 60$	5
$60 < w \leq 65$	10
$65 < w \leq 70$	11
$70 < w \leq 75$	12

2. Estimate the mean of the values in the frequency table

2. Estimate of mean:
= $668 \div 30 = 22.27$ years

Age (years)	Frequency
$20 < y \leq 21$	6
$21 < y \leq 22$	4
$22 < y \leq 23$	11
$23 < y \leq 24$	9

3. Estimate the mean of the values in the frequency table

3. Estimate of mean:
= $120 \div 20 = 6$

Countries visited	Frequency
0 - 5	10
6 - 10	7
11 - 15	3

63. How to estimate the mean from a grouped frequency table



Practice Questions: **Answers**

4. Estimate the mean of the values in the frequency table

4. Estimate of mean:
 $= 370 \div 20 = 18.5$ gallons

Water (gallons)	Frequency
$10 < v \leq 15$	3
$15 < v \leq 20$	12
$20 < v \leq 25$	4
$25 < v \leq 40$	1

5. Estimate the mean of the values in the frequency table

5. Estimate of mean:
 $= 7220 \div 200 = 36.1$ minutes

Travel (minutes)	Frequency
$20 < t \leq 30$	50
$30 < t \leq 40$	78
$40 < t \leq 50$	72

6. Estimate the mean of the values in the frequency table

6. Estimate of mean:
 $= 24620 \div 1000 = \text{£}24.62$

Price (£)	Frequency
0.00 - 19.99	401
20.00 - 29.99	325
30.00 - 39.99	127
40.00 - 49.99	4
50.00 - 59.99	143