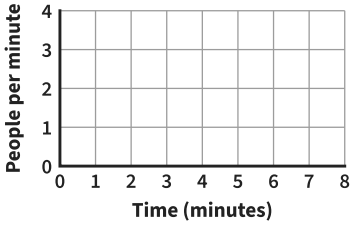
Drawing histograms *lesson handout*

On whiteboards

Each square is one person. Build each bar from squares.

Time, t (minutes)	People
$0 < t \leq 2$	6
$2 < t \leq 4$	4
$4 < t \leq 8$	8



We do

Complete the table.

Mass, m (kg)	Frequency	Class width	Frequency density
$0 < m \leq 5$	20	5	4
$5 < m \leq 10$	35		
$10 < m \leq 20$	30		

You do

Complete the table.

Height, h (cm)	Frequency	Class width	Frequency density
$0 < h \leq 10$	20		
$10 < h \leq 15$	30		
$15 < h \leq 30$	45		

You do

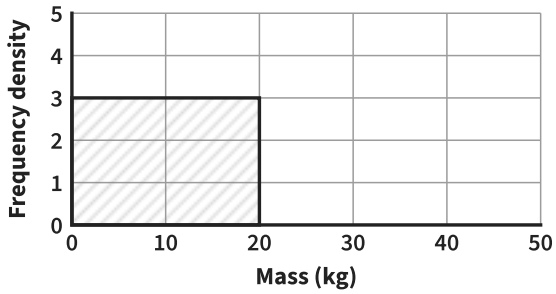
Complete the table.

Age, a (years)	Frequency	Class width	Frequency density
$20 < a \leq 25$	10		
$25 < a \leq 35$	40		
$35 < a \leq 55$	60		

We do

Draw the histogram.

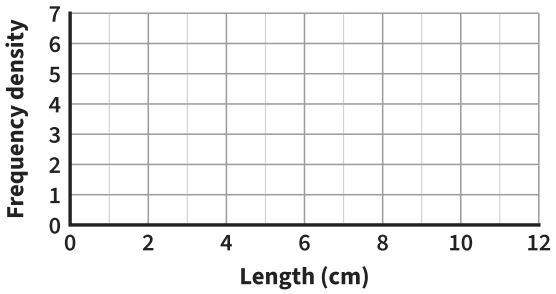
Mass, m (kg)	Frequency	Class width	Frequency density
$0 < m \leq 20$	60	20	3
$20 < m \leq 30$	40	10	4
$30 < m \leq 50$	20	20	1



You do

Complete the table. Draw the histogram.

Length, l (cm)	Frequency	Class width	Frequency density
$0 < l \leq 4$	8		
$4 < l \leq 6$	12		
$6 < l \leq 12$	12		



You do

Complete the table. Draw the histogram.

Time, t (seconds)	Frequency	Class width	Frequency density
$10 < t \leq 20$	30		
$20 < t \leq 25$	25		
$25 < t \leq 40$	30		

