

11 Solve the simultaneous equations:	12
$ \begin{array}{l} x + 5y &= -3 \\ 4x + 3y &= 39 \end{array} $	Bradley gets the bus on Saturday and Sunday. The probability that Bradley's bus will be late on any day is 0.2
x = 12	Work out the probability that Bradley's bus is late on at least one of these days.
y = -3	0.36
13 Work out the size of each interior angle in a regular decagon (10 sided shape).	14 Find the lowest common multiple (LCM) of 35 and 49
144 [°]	245
15 Find an estimate for the mean time.	16 There are 52 cards in a deck. Angel is going to give one card to Ben and one
Time (minutes) Frequency	card to Chris and one card to Dylan.
$0 < t \leq 10$ 8	How many different ways are there of doing
$10 < t \leqslant 20 \qquad \qquad 12$	
$20 < t \leqslant 30 \qquad \qquad 13$	2652
$30 < t \le 40$ 19.75 mins	
17 Find the value of $8^{-\frac{2}{3}}$	18 A population of bacteria is increasing by 12% each hour.
$\frac{1}{4}$	Find the percentage increase in the population every 3 hours.
	40.5% (1dp)
10	$OBA - 90^{\circ}$
Minimum Lower Quartile Median Upper Quartile Maximum	Tangent meets radius
11 28 37 42 51	at a right angle
Draw a box plot for this information.	659
	$\frac{B}{Work \text{ out the size of angle } BAO} = \frac{BAO}{25^{\circ}}$ You must show all your working Angles in a
	triangle add to
mainsge	180°