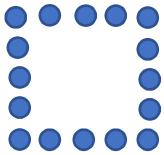
13+ Entrance Test Solutions 2019

Question	Answer
1.	$1\frac{53}{56}$ (answer given – must be supported with clear working out)
2.	27°
3.	a)  b) 16, 20 c) 52 d) 4n e) k = 22
4.	a) 37 b) $2x^2 + 4x + 1$
5.	£2.24
6.	510 adults
7.	a) p = -3.5 b) x = -1.2 or $\frac{-6}{5}$
8.	a) i) $1029 = 3 \times 7^3$ (either answer is acceptable) ii) $23337720 = 2^3 \times 3^5 \times 5 \times 7^4$ (either answer) b) p = 4, q = 2, r = 1
9.	60cm
10.	12.5%
11.	Not possible to fit 110 boxes – the maximum is 108
12.	$460cm^2$