

# SUGGESTED ANSWERS FOR PLE 2019

1	9, 8, 7, 5, 4, 3, 2, 1	2	-8, -4, -1, +2, +7	3	Ten millions
4	Two hundred seventy seven million, eight hundred eighteen thousand, five hundred ninety nine.	5	$48 - (15 + 4)$ $48 - (19)$ $48 - 19 = 29$ $48 - 19 = 28$	6	$\frac{45000 \times 5}{100} = 2250f$
7	$2x - 2 = x - 3$ $2x - x = -3 + 2$ $x = -1$	8	77,000	9	$2\frac{5}{6} = \frac{17}{6} = 283$
10	$= (4 \times 4 \times 4) - 10$ $= 64 - 10$ $= 54$	11	$\frac{4.28 + 63.12}{0.02} = \frac{67.4}{0.02}$ $674: \frac{2}{100} = \frac{67.4 \times 100}{2}$ $= 3370$	12	2, 5, 11, 23, 47, 95
13	$(\frac{6+100}{30}) \div \frac{2}{6}$ $\frac{106}{30} \div \frac{6}{2} = \frac{53}{20}$ $= \times \frac{12}{20}$	14	$10500 \div 50 = 210$ books Each will get 210 books	15	$9 \times (-6) = -54$
16	Twenty one million, eight hundred ninety two thousand, forty five	17	$(6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6) -$ $(4 \times 4 \times 4 \times 4)$ $= 46656 - 256$ $= 46400$	18	$GCF = 2 \times 2 \times 2 \times 3 = 24$
19	$180^\circ - 80^\circ = 100^\circ$	20	$P = 8 + 2 + 9 + 4 + 6 + 5$ $P = 34cm$	21	$(12 \times 5000) + (20 \times 1000)$ $= 60000 + 20000$ $= 80000F$
22	$24 \times 60 mins$ $= 1440 mins$	23	$\frac{17}{5} + \frac{3}{4}$ $\frac{68+15}{20}$ $\frac{83}{20}$ $= 4\frac{3}{20}$	24	226.28cm
25	$0.55, \frac{1}{2}, \frac{2}{5}, 0.12, 0.05$	26	$12 \times 12 = 144$	27	$= 25cm$ $b = 84cm$
28	$8:30 + 3\frac{1}{2}$ $= 8:30 + 3hr 30min$ $= 12:00hr$	29	$\frac{160000 \times 100}{10}$ $= 1600,000F$	30	$486.3232m^2$