

**Year 7 Entrance Exam – Specimen
Paper 1 Answers (Marks available
in brackets)**

- 1) 7 (1)
2) 21 (1)
3) $x = 117^\circ$, $y = 29^\circ$ (2)
4) $\frac{18}{25}$ (2)
5)
a. $\frac{4}{9}$ (2)
b. $4\frac{2}{5}$ (3)
6) 35 (3)
7) 1 and 4, 2 and 3 or 0 and 5 (3)
8)
a. There are no dominoes with 7 spots in total (1)
b. There are more dominoes with 6 spots in total (i.e. 3) than any other number of spots (2)
9)
a. 39 (2)
b. 5 (2)
10) $\frac{31}{120}$ (2)
11)
a. 84 (2)
b. 140 (1)
12) $5 \times 7 \times 11$ (3)
13)
a. Top of the Pops (2)
b. 11.05 (1)
14) 13, 39 (3)

- 15)
a. 100 (2)
b. 5 (2)
16)
a. 5 (1)
b. 24 (1)
c. $p = 3q$ (2)
17)
a. 78.76 (1)
b. 53 (1)
c. 2737 (2)
d. 82 (2)
18) -1 (3)
19) $131 - 75$, $17 + 39$, 50% of 112, $560 \div 10$, $\frac{1}{3}$ of 168 (5)
20) 13 (3)

For information:

Although the specimen papers and answers (to specimen paper 1) are made available to provide guidance, we cannot enter into any correspondence regarding the questions or the answers.

Note, however, that questions that involve several steps are likely to gain more credit than those that only involve one step.