

Place Value: Medium Practice Paper 1 Answers

Q#	Answer	Explanation
1	B	Multiplying by 1,000 moves every digit three place value columns to the left. The 7 moves from the hundredths to the tens, making the answer 73.
2	B	The first 2 is worth 2 tenths (0.2). The second 2 is worth 2 thousandths (0.002). Subtracting 0.002 from 0.200 gives 0.198.
3	C	The number 40.357 is made up of 4 tens (40), 3 tenths (0.3), 5 hundredths (0.05), and 7 thousandths (0.007). The missing value is 5 hundredths, which is written as 0.05.
4	A	To find how many hundreds are in £14,500, divide by 100. $14,500 \div 100 = 145$. They will need 145 notes.
5	C	To round to the nearest thousand, look at the hundreds digit. Because it is a 5, we round the thousands digit up from 4 to 5, resulting in 35,000.
6	E	Find the difference from 1 for each: 0.9 is 0.1 away; 1.09 is 0.09 away; 0.99 is 0.01 away; 1.011 is 0.011 away; 0.995 is 0.005 away. 0.005 is the smallest difference.
7	B	The 6 is located two places to the right of the decimal point, which is the hundredths column.
8	A	Thousands = 4. Hundreds = half of 4 = 2. Tens = largest single-digit even number = 8. Units = 0. Putting this together gives 4,280.
9	C	Dividing 3.45 by 100 moves all digits two places to the right. The 3 moves from the units to the hundredths, resulting in 0.0345.
10	D	Convert each to its value: 12 hundreds = 1,200. 15 tens = 150. 6 units = 6. Adding them together: $1,200 + 150 + 6 = 1,356$.
11	A	Subtract 3.04 from 4.00. $4.00 - 3.04 = 0.96$. A common error is assuming $0.96 + 3.04$ equals 3.10, but the column addition carries over correctly to 4.00.

12	C	To make the smallest number, order digits from smallest to largest. However, a number cannot start with 0. The smallest arrangement is 20,358. The hundreds digit is 3.
13	B	To find the original number, perform the inverse operation: divide 4,050 by 100. This shifts the digits two places to the right, giving 40.5.
14	D	Convert to decimals to compare: 3 tenths is 0.30, and 25 hundredths is 0.25. Since $0.30 > 0.25$, this statement is correct.
15	C	0.2 is equal to 0.200. The third decimal place represents thousandths. Therefore, there are 200 thousandths in 0.2.