Place Value: Easy Practice Paper 7 Answers

Q#	Answer	Explanation
1	B	Adding 1 to the 9 ones makes 10 ones, which is 1 ten. That makes 10 tens, which is 1 hundred, and then 10 hundreds, which is 1 thousand. So 4,999 + 1 = 5,000.
2	C	Each step adds 1 to the hundreds. The numbers after 3,850 are 3,950, then 4,050, then 4,150. The third number is 4,150. Notice that the count crosses 4,000, so the thousands digit changes.
3	C	In 5,462 the digit 4 is in the hundreds place, so it is worth 400. Taking away 400 leaves the other digits alone: 5,462 − 400 = 5,062.
4	C	One hundred thousand is written 100,000. That is a 1 followed by five zeros.
5	C	From 2,000 to 3,000 is 1,000, and 1,000 ÷ 10 = 100, so each step is worth 100. Four steps on from 2,000 is 2,000 + 4 × 100 = 2,400.
6	D	The digit 2 is in the thousands place, so it is worth 2,000. A 7 in the same place is worth 7,000. The number goes up by 7,000 − 2,000 = 5,000.
7	A	The largest three-digit number is 999. The next number, 1,000, is the first number with four digits. 10,000 has five digits.
8	E	List them in order so none is missed: 247, 274, 427, 472, 724 and 742. Each digit can go first twice, which gives 6 different numbers.
9	D	Four thousand and seven has 4 thousands, no hundreds, no tens and 7 ones, so it is written 4,007. Mia's 4,070 has the 7 in the tens place, which is four thousand and seventy.
10	C	The number must have 6 thousands and at least 5 hundreds. Asha's 6,480 has only 4 hundreds, so it is less than 6,500. Dan's 6,095 has no hundreds. Ben's 7,015 is more than 7,000 and Eve's 5,960 is less than 6,000. Only Cara's 6,905 lies between 6,500 and 7,000.

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11	E	In 3,538 the thousands digit is 3 and the tens digit is 3. In 3,385 they are 3 and 8, in 5,833 they are 5 and 3, in 8,353 they are 8 and 5, and in 5,383 they are 5 and 8.
12	B	The sign < means 'is less than', so the missing number must be bigger than 6,090 and smaller than 6,100. Only 6,095 is between them. 6,100 is not allowed because it is equal to 6,100, not less than it.
13	B	136 is 13 tens and 6 ones. 13 sheets give only 130 stickers, which is 6 too few, so Holly needs one more sheet. 14 sheets give 140 stickers, which is enough.
14	A	Write each one as a number: 9 hundreds is 900, 85 tens is 850, 920 ones is 920, 99 tens is 990 and 1 thousand is 1,000. The largest is 1,000.
15	C	70,000 − 1 = 69,999. The number has one 6 and four 9s, so the digit 9 appears most often.

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