Place Value: Hard Practice Paper 6

Q1. What is 0.0007 × 100,000?

A. 7 *B.* 70 *C.* 700 *D.* 0.7 *E.* 7,000

Q2. What is 5,999,999 rounded to the nearest hundred thousand?

A. 5,900,000 *B.* 6,000,000 *C.* 5,999,000 *D.* 6,100,000 *E.* 5,000,000

Q3. Which of these Roman numerals stands for the largest number?

A. CXL *B.* DCX *C.* CDX *D.* MCX *E.* XCI

Q4. In the number 34.856, the 8 and the 5 swap places and every other digit stays where it is. What is the new number?

A. 35.486 *B.* 34.865 *C.* 34.658 *D.* 34.586 *E.* 34.568

Q5. What is the smallest number that rounds to 8.4 when rounded to one decimal place?

A. 8.34 *B.* 8.36 *C.* 8.35 *D.* 8.45 *E.* 8.4

Q6. Which of these is equal to 40,600?

A. 4 ten-thousands and 6 hundreds

B. 40 thousands and 6 tens

C. 4 thousands and 60 tens

D. 406 tens

E. 4 hundred-thousands and 6 hundreds

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Q7. The table shows the mass of four samples. In which sample is the digit 4 worth four hundredths of a kilogram?

Sample	Mass
P	3.415 kg
Q	2.048 kg
R	4.207 kg
S	1.304 kg

A. Sample R

B. Sample P

C. Sample Q

D. Sample S

E. None of them

Q8. How many three-digit whole numbers have a 0 in the tens place?

A. 90 *B.* 100 *C.* 9 *D.* 81 *E.* 99

Q9. Two whole numbers both round to 250 when rounded to the nearest ten. What is the largest possible difference between them?

A. 8 *B.* 10 *C.* 5 *D.* 4 *E.* 9

Q10. A cash box holds £3,000 in £20 notes and £5 notes. There are 100 of the £20 notes. How many £5 notes are there?

A. 100 *B.* 200 *C.* 50 *D.* 250 *E.* 20

Q11. Which of these numbers is closest to 0.5?

A. 0.45 *B.* 0.48 *C.* 0.53 *D.* 0.509 *E.* 0.55

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Q12. What is the value of the digit 3 in the answer to 0.0345 × 1,000?

A. 30 *B.* 3 *C.* 0.3 *D.* 300 *E.* 0.03

Q13. Which number lies exactly halfway between 3.4 million and 3.6 million?

A. 350,000 *B.* 3,050,000 *C.* 3,450,000 *D.* 3,550,000 *E.* 3,500,000

Q14. A six-digit number reads the same forwards as backwards. Its first three digits are 4, 7 and 2. What is the number?

A. 274,472 *B.* 472,472 *C.* 472,274 *D.* 472,247 *E.* 427,724

Q15. Which of these numbers has the greatest digit sum?

A. 9,909 *B.* 4,899 *C.* 9,480 *D.* 8,994 *E.* 7,899

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