Place Value: Hard Practice Paper 7

Q1. What is 45,000,000 ÷ 1,000?

A. 45,000

B. 450,000

C. 4,500

D. 45,000,000

E. 450

Q2. Add XL and LXX. What is the answer in Roman numerals?

A. CXI *B.* XC *C.* CXX *D.* LXX *E.* CX

Q3. The digits of 5,384 are written in reverse order to make a new number. What is the difference between the two numbers?

A. 459 *B.* 551 *C.* 449 *D.* 1,549 *E.* 549

Q4. Which of these is the largest number that rounds to 6.5 when rounded to one decimal place?

A. 6.54 *B.* 6.55 *C.* 6.59 *D.* 6.45 *E.* 6.549

Q5. The table shows the same number rounded in three different ways. Which of these could the number be?

Rounded to	Answer
Nearest 10	4,730
Nearest 100	4,700
Nearest 1,000	5,000

A. 4,735 *B.* 4,728 *C.* 4,749 *D.* 4,678 *E.* 4,708

myfreeschool

Q6. A number is one hundred times smaller than three million. What is the number?

A. 30,000,000

B. 300,000

C. 3,000

D. 30,000

E. 300

Q7. A four-digit number has 2 in the thousands place. Its hundreds digit is 3 more than its thousands digit, its tens digit is 0, and its ones digit is one less than its hundreds digit. What is the number?

A. 2,054 *B.* 2,540 *C.* 2,504 *D.* 2,506 *E.* 5,204

Q8. How many times is the digit 0 written when all the whole numbers from 1 to 200 are written out?

A. 30 *B.* 31 *C.* 21 *D.* 41 *E.* 29

Q9. In 4,444,444, how many times greater is the digit in the hundred-thousands place than the digit in the hundreds place?

A. 10,000 times

B. 100 times

C. 1,000 times

D. 100,000 times

E. 10 times

Q10. A microchip is 0.0004 m wide. How wide is it in millimetres?

A. 40 mm *B.* 4 mm *C.* 0.04 mm *D.* 0.4 mm *E.* 0.004 mm

myfreeschool

Q11. Which of these is the best estimate of 61,842 ÷ 297?

A. 300 *B.* 20 *C.* 2,000 *D.* 200 *E.* 60

Q12. Which number is one hundredth of the sum of 2.6 and 3.4?

A. 0.006 *B.* 0.6 *C.* 0.06 *D.* 6 *E.* 60

Q13. The table shows the lowest temperature recorded in four cities. Which city was the third coldest?

City	Lowest temperature
Alton	−4.5°C
Braid	−12.8°C
Corby	−9.2°C
Denby	−0.7°C

A. Alton

B. Braid

C. Corby

D. Denby

E. Alton and Corby tie

Q14. Anya multiplies a number by 10, and the digit 6 moves from the tenths place into the ones place. Which of these could her number be?

A. 6.32 *B.* 3.62 *C.* 0.06 *D.* 63.2 *E.* 2.36

Q15. Using the digits 3, 0, 6 and 8 exactly once each, what is the difference between the largest and the smallest four-digit numbers you can make? (A number cannot begin with 0.)

A. 5,562 *B.* 5,462 *C.* 5,572 *D.* 8,630 *E.* 5,662

myfreeschool