Scientific Notation

Example: 1

Write 6,224 in scientific notation.

$$6\,2\,2\,4$$

We should move the decimal point 3 places to the left. So, the exponent will be 3.

6,224 = **6.**

Example: 2

Write 0.0087 in scientific notation.

$$0\,0\,0\,8\,7$$

We should move the decimal point 3 places to the right. So, the exponent will be -3.

7 $\times\ 10^{-3}$

Express each numb

1) 0.0259 = _____ _____

3) 55,820 = _____ _____

5) 0.00973 = _____ _____

7) 856 = _____ _____

9) 0.00072 = _____

10) 5,008 = _____

11) 1.216 = _____

12) 0.00145 = _____

13) 75,919 = _____

14) 0.12 = _____