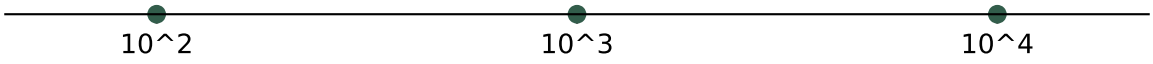
Writing and Reading Scientific Notation Worksheets

ANSWER / CASE 1

Write 1200 in scientific notation with a coefficient at least 1 and less than 10.

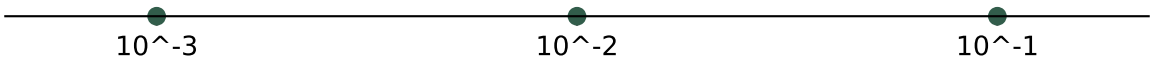


ANSWER: 1.2 x 10^3
1. The coefficient is 1.2.
2. The exponent records how many powers of ten are needed to recover the original value.

Writing and Reading Scientific Notation Worksheets

ANSWER / CASE 2

Write 0.025 in scientific notation with a coefficient at least 1 and less than 10.

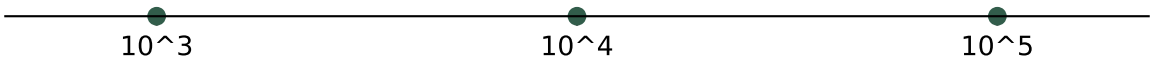


ANSWER: 2.5 x 10^-2
1. The coefficient is 2.5.
2. The exponent records how many powers of ten are needed to recover the original value.

Writing and Reading Scientific Notation Worksheets

ANSWER / CASE 3

Write 38000 in scientific notation with a coefficient at least 1 and less than 10.

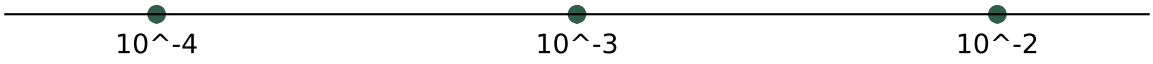


ANSWER: 3.8 x 10^4
1. The coefficient is 3.8.
2. The exponent records how many powers of ten are needed to recover the original value.

Writing and Reading Scientific Notation Worksheets

ANSWER / CASE 4

Write 0.0051 in scientific notation with a coefficient at least 1 and less than 10.



ANSWER: 5.1 x 10^-3
1. The coefficient is 5.1.
2. The exponent records how many powers of ten are needed to recover the original value.