

Grade 7 Maths Worksheet

Assessment Task: Scientific notation

Questions:

1. The radius of the earth's orbit is 150 000 000 000 metres. This number (in metres) written in scientific notation will be:

A) 15×10^{11}
B) 15×10^{-10}
C) $1,5 \times 10^{11}$
D) 150×10^9

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Solution

1. C: $1,5 \times 10^{11}$

Convention is to write it with one number in front of the decimal.

Appendix of Assignment Tools

Establishing a relationship between the decimal and the exponential power of 10