8th Grade Scientific Notation: Exit Ticket

Common Core 8.EE.A.3-4 6 questions Total: 9 marks **Questions 3–6 on the back**

G8SCI1

NAME or INITIALS (BLOCK CAPITALS)

ANSWER KEY — not for students, do not scan

ANSWERS — final answer in each box. Only these boxes are marked.

1	4.5×10^4	2	3.6×10^{-3}	3	720000	4	6×10^7
5	2×10^6	6	3×10^8				

1 Write in scientific notation: **1 mark**

45,000

4.5×10^4

2 Write in scientific notation: **1 mark**

0.0036

3.6×10^{-3}

CUT HERE

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8th Grade Scientific Notation: Exit Ticket questions 3–6: write each final answer in its box on the front

3 Write as an ordinary number: **1 mark**

$$7.2 \times 10^5$$

720000

4 Find the value. Give your answer in scientific notation. **2 marks**

$$(3 \times 10^4)(2 \times 10^3)$$

6×10^7

5 Find the value. Give your answer in scientific notation. **2 marks**

$$(8 \times 10^9) \div (4 \times 10^3)$$

2×10^6

6 Find the value. Give your answer in scientific notation. **2 marks**

$$(6 \times 10^5)(5 \times 10^2)$$

3×10^8

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