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Coefficient between 1 and 10.

| Problem      | Answer | Problem                                    | Answer |
|--------------|--------|--------------------------------------------|--------|
| 1. 45,000    |        | 7. 12.8                                    |        |
| 2. 0.0032    |        | 8. 0.000 000 4                             |        |
| 3. 602,000   |        | 9. $3 \times 10^4$ in standard form        |        |
| 4. 0.000 071 |        | 10. $7.25 \times 10^{-3}$ in standard form |        |
| 5. 9,300,000 |        | 11. $1.1 \times 10^6$ in standard form     |        |
| 6. 0.5       |        | 12. $5.06 \times 10^{-2}$ in standard form |        |

## Notes

**Answer key — Write in scientific notation**

| #  | Problem                                | Answer               |
|----|----------------------------------------|----------------------|
| 1  | 45,000                                 | $4.5 \times 10^4$    |
| 2  | 0.003                                  | $3.2 \times 10^{-3}$ |
| 3  | 602,000                                | $6.02 \times 10^5$   |
| 4  | 0.000 071                              | $7.1 \times 10^{-5}$ |
| 5  | 9,300,000                              | $9.3 \times 10^6$    |
| 6  | 0.5                                    | $5 \times 10^{-1}$   |
| 7  | 12.8                                   | $1.28 \times 10^1$   |
| 8  | 0.000 000 4                            | $4 \times 10^{-7}$   |
| 9  | $3 \times 10^4$ in standard form       | 30,000               |
| 10 | $7.25 \times 10^{-3}$ in standard form | 0.007                |
| 11 | $1.1 \times 10^6$ in standard form     | 1,100,000            |
| 12 | $5.06 \times 10^{-2}$ in standard form | 0.051                |

## Notes