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## Unit Conversion

- Showing your work and using any method, convert to indicated units.
- Round to two significant digits and always use scientific notation for the final answer.
- Clearly identify your final answer.
- You can use your notes.

| 1 | $48\ \mu m = ?\ cm$ |
|---|---|
| 2 | $159 m^2 = ?\ mm^2$ |
| 3 | $0.034\ dg = ?\ ng$ |

| 4 | $54.9\,\dfrac{km}{h} = ?\ \dfrac{m}{s}$ |
|---|---|
| 5 | $35690\,\dfrac{km}{h^2} = ?\ m/s^2$ |

**Fill in the blanks:**

1. One nanogram is one _____ of a gram.

2. One kilometer contains _____ meters.

3. One meter contains _____ micrometers.

4. One year has _____ minutes.

5. One GigaWatt contains_____ Watts.

6. One deciliter is one _____of a liter.