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| | J | |

| Name: | |
|--------|--|
| Date:_ | |

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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 | $159m^2 = ?mm^2$ |
| 3 | 0.034 dg = ? ng |

| $ \begin{array}{c c} \hline 5 & 35690 \frac{km}{h^2} = ? m/s^2 \end{array} $ | | , |
|--|---|--|
| | 4 | $\int_{-\infty}^{\infty} km = \int_{-\infty}^{\infty} m$ |
| | | $ 54.9 \frac{1}{1000} = ? \frac{1}{1000}$ |
| $\frac{5}{35690 \frac{km}{h^2}} = ? m/s^2$ | | n S |
| $\frac{5}{35690 \frac{km}{h^2}} = ? m/s^2$ | | |
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| $\frac{5}{35690} \frac{km}{h^2} = ? \ m/s^2$ | | |
| $35690 \frac{\kappa m}{h^2} = ? \ m/s^2$ | _ | Iron |
| $33690 \frac{1}{h^2} = i m/s$ | 5 | $25600^{RH} - 2 \text{ m/s}^2$ |
| | | $33690 \frac{1}{h^2} = ! m/s$ |
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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.