

### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **4**.
- The **fourth** term is greater than the first by **7**.

Find the **two** possible values of the first term and associated common ratio.

SIC<sub>13</sub>

### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **8**.
- The **fourth** term is greater than the first by **14**.

Find the **two** possible values of the first term and associated common ratio.

SIC<sub>13</sub>

### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **12**.
- The **fourth** term is greater than the first by **21**.

Find the **two** possible values of the first term and associated common ratio.

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### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **16**.
- The **fourth** term is greater than the first by **28**.

Find the **two** possible values of the first term and associated common ratio.

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### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **20**.
- The **fourth** term is greater than the first by **35**.

Find the **two** possible values of the first term and associated common ratio.

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### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **24**.
- The **fourth** term is greater than the first by **42**.

Find the **two** possible values of the first term and associated common ratio.

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### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **28**.
- The **fourth** term is greater than the first by **49**.

Find the **two** possible values of the first term and associated common ratio.

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### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **32**.
- The **fourth** term is greater than the first by **56**.

Find the **two** possible values of the first term and associated common ratio.

SIC<sub>13</sub>

### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **36**.
- The **fourth** term is greater than the first by **63**.

Find the **two** possible values of the first term and associated common ratio.

SIC<sub>13</sub>

### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **40**.
- The **fourth** term is greater than the first by **70**.

Find the **two** possible values of the first term and associated common ratio.

SIC<sub>13</sub>

### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **44**.
- The **fourth** term is greater than the first by **77**.

Find the **two** possible values of the first term and associated common ratio.

SIC<sub>13</sub>

### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **48**.
- The **fourth** term is greater than the first by **84**.

Find the **two** possible values of the first term and associated common ratio.

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### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **52**.
- The **fourth** term is greater than the first by **91**.

Find the **two** possible values of the first term and associated common ratio.

SIC<sub>13</sub>

### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **56**.
- The **fourth** term is greater than the first by **98**.

Find the **two** possible values of the first term and associated common ratio.

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### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **60**.
- The **fourth** term is greater than the first by **105**.

Find the **two** possible values of the first term and associated common ratio.

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### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **64**.
- The **fourth** term is greater than the first by **112**.

Find the **two** possible values of the first term and associated common ratio.

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### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **68**.
- The **fourth** term is greater than the first by **119**.

Find the **two** possible values of the first term and associated common ratio.

SIC<sub>13</sub>

### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **72**.
- The **fourth** term is greater than the first by **126**.

Find the **two** possible values of the first term and associated common ratio.

SIC<sub>13</sub>

### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **76**.
- The **fourth** term is greater than the first by **133**.

Find the **two** possible values of the first term and associated common ratio.

SIC<sub>13</sub>

### A Geometric Progression Problem

- The **second** term of a geometric progression is greater than the first term by **80**.
- The **fourth** term is greater than the first by **140**.

Find the **two** possible values of the first term and associated common ratio.

SIC<sub>13</sub>