

Name : \_\_\_\_\_

L1S4

## Find the GP

- 1) The 11<sup>th</sup> term of the sequence is 7812500 and the 7<sup>th</sup> term is 12500. Find the geometric progression.

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- 2) If the ninth term of the sequence is  $-956593.8$ , find the geometric progression.

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- 3) The 9<sup>th</sup> and 6<sup>th</sup> terms of the sequence are  $1024\sqrt{3}$  and  $1024\sqrt{3}$  respectively, find the geometric progression.

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- 4) Determine the geometric progression whose ninth term is  $\frac{1}{486}$  and sixth term is  $\frac{1}{1062882}$ .

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- 5) Find the geometric progression whose ninth term is  $-5764801$  and fifth term is  $-2401$ .

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## Find the GP

- 1) The 11<sup>th</sup> term of the sequence is 7812500 and the 7<sup>th</sup> term is 12500. Find the geometric progression.

$$\frac{4}{5}, 4, 20, 100, 500, \dots$$

- 2) If the ninth term of the sequence is  $-956593.8$ , find the geometric progression.

5.4

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- 3) The 9<sup>th</sup> and 6<sup>th</sup> terms of the sequence are  $1024\sqrt{3}$  and  $1024\sqrt{3}$  respectively, find the geometric progression.

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- 4) Determine the geometric progression whose ninth term is  $\frac{1}{486}$  and sixth term is  $\frac{1}{1062882}$ .

$$\frac{1}{2}, \frac{1}{6}, \frac{1}{18}, \frac{1}{54}, \frac{1}{162}, \dots$$

- 5) Find the geometric progression whose ninth term is  $-5764801$  and fifth term is  $-2401$ .

$$-1, -7, -49, -343, -2401, \dots$$