

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

## Find the GP

L2S1

- 1) If the eleventh term of the sequence is  $\frac{3}{512}$  and the seventh term is  $\frac{3}{32}$ , find the 3<sup>rd</sup> term.

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- 2) The eighth term of the sequence is 147. Find the 6<sup>th</sup> term.

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- 3) Find the 3<sup>rd</sup> term of the sequence if the sixth term is  $\frac{40}{72}$  and the ninth term is  $\frac{80}{6561}$  and the

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- 4) The 9<sup>th</sup> and 4<sup>th</sup> terms of a geometric sequence are 7.5 and -87.5 respectively, find the 1<sup>st</sup> term.

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- 5) Determine the tenth term of a geometric sequence whose seventh term is 3125 and third term is 5.

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**Find the GP**

- 1) If the eleventh term of the sequence is  $\frac{3}{512}$  and the seventh term is  $\frac{3}{32}$ , find the 3<sup>rd</sup> term.

3<sup>rd</sup> term is  $\frac{3}{2}$

- 2) The eighth term of the sequence is 147. Find the 6<sup>th</sup> term.

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- 3) Find the 3<sup>rd</sup> term of a geometric sequence whose sixth term is  $\frac{40}{72}$  and the 9<sup>th</sup> term is  $\frac{80}{6561}$  and the 11<sup>th</sup> term is  $\frac{80}{6561}$  and the 13<sup>th</sup> term is  $\frac{80}{6561}$ .

11<sup>th</sup> term is  $-6835937.5$

- 4) The 9<sup>th</sup> and 4<sup>th</sup> terms of a geometric sequence are  $7.5$  and  $-87.5$  respectively, find the 11<sup>th</sup> term.

10<sup>th</sup> term is  $390625$

- 5) Determine the tenth term of a geometric sequence whose seventh term is  $3125$  and third term is  $5$ .