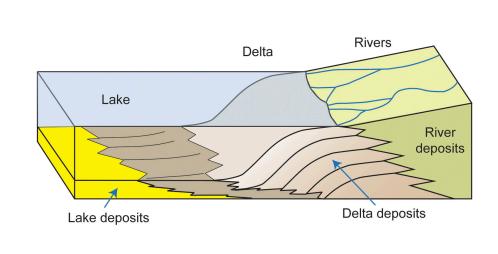
Name:
Question 1. Congratulations! You are Mark Watney (astronaut) and the first human to walk around on Mars. On your exploration you find a lot of smooth, rounded rocks lying on the ground. You dig a hole and find many more smooth rounded rocks all over. Fortunately you are an expert geographer so you can interpret your discovery: What do these rocks tell you?
Question 2. Please watch Why Do Rivers Have Deltas? at <a href="https://youtu.be/A47ythEcz74">https://youtu.be/A47ythEcz74</a> . Can you now provide a simple and succinct answer?

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**Question 3.** River deltas are super-important for a wide variety of reasons - even for you in your daily life. Have a look at <a href="https://www.jpl.nasa.gov/spaceimages/details.php?id=pia19071">https://www.jpl.nasa.gov/spaceimages/details.php?id=pia19071</a> and *River Delta Formation - Diagram and Explanation* @ <a href="https://youtu.be/87uodj2bQtg">https://youtu.be/87uodj2bQtg</a> (2:08 minutes). Then: write a useful caption for the diagram below that describes and explains the diagram and delta formation.



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