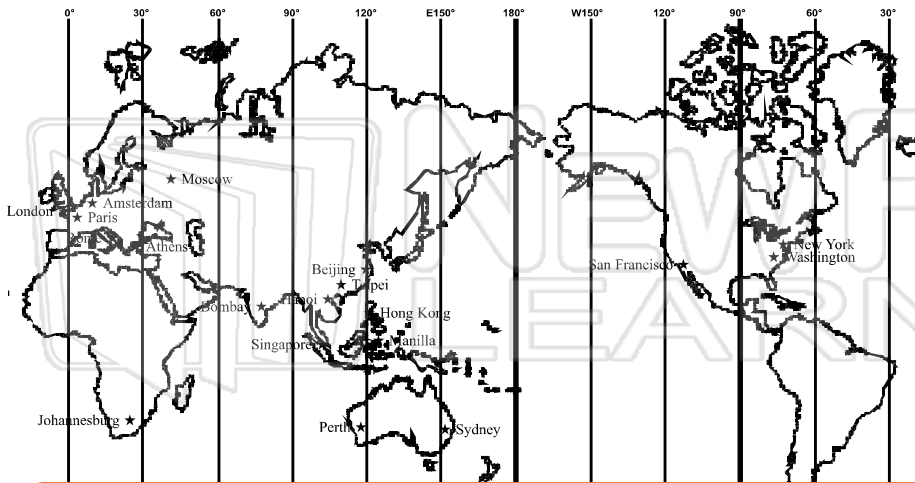




Name _____ Class _____ Date _____

Archimedes is well into his tour of the world and wants to let everybody know what an exciting time he is having. Use the world times on the map below to help check Archimedes' calls. (Hint: Use pencil in the circles so that you can change the GMT for different questions).



Did you know?
 The earth is divided into 24 time zones. The base time zone is at 0° longitude and passes through the Royal Greenwich Observatory in England. Each zone spans 15° longitude although some borders are bent to fit in certain regions. The time is set according to Greenwich

PREVIEW

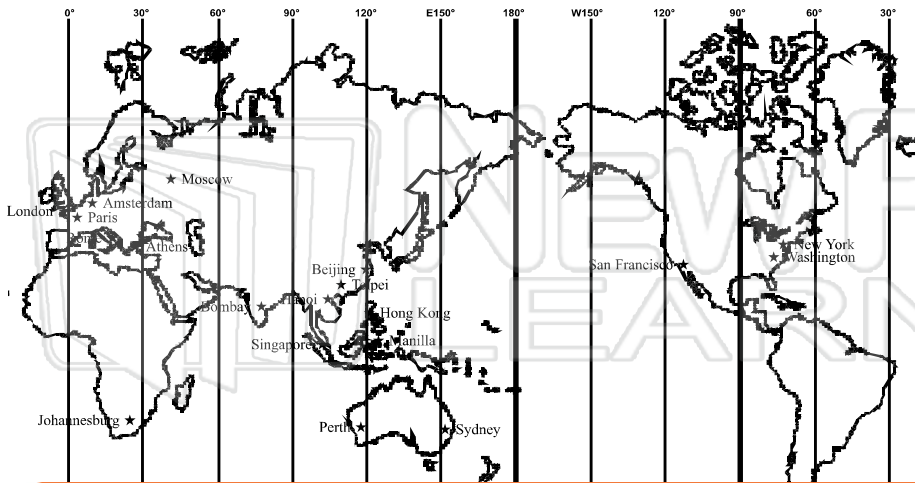
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- quick call to let him know he was on his way to Vancouver. He called his cousin at 11:30p.m. What would the time have been in London?
- Archimedes arrived in Vancouver at 8:50a.m. on Friday. He decided to call his mother in New Zealand. What time and day would it have been?
 - When Archimedes arrived in Bangkok at 6:50a.m., he remembered it was his friend Newton's birthday. Newton was vacationing in London so Archimedes called him there. What time was it in London?
 - What time should Archimedes have waited till before he called Newton?



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PREVIEW

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- quick call to let him know he was on his way to Vancouver. He called his cousin at 11:30p.m. What would the time have been in London? **9:30 a.m.**
4. Archimedes arrived in Vancouver at 8:50a.m. on Friday. He decided to call his mother in New Zealand. What time and day would it have been? **2:50 a.m. on Saturday.**
5. When Archimedes arrived in Bangkok at 6:50a.m., he remembered it was his friend Newton's birthday. Newton was vacationing in London so Archimedes called him there. What time was it in London? **It was only 10:50 p.m. of the previous day. He was early.**
6. What time should Archimedes have waited till before he called Newton? **He needs to wait until it is 8 am in Bangkok.**