

# REGENTS EARTH SCIENCE WORLD TIME ZONES

**Direction: Using the following map below, answer the following questions**

**1. What time zone are you in?**

**2. If its 4 A.M .where you live, what time is it in the following places:**

**Mongolia**

**Russia**

**Canada**

**United States of America**

**Japan**

**Somalia**

**Kenya**

**France**

**Greenland**

**Alaska**

**South Africa**

**Hawaii**

**Mexico**

**Chile**

**Spain**

**Libya**

**Oman**

**China**

**Iceland**

**Norway**

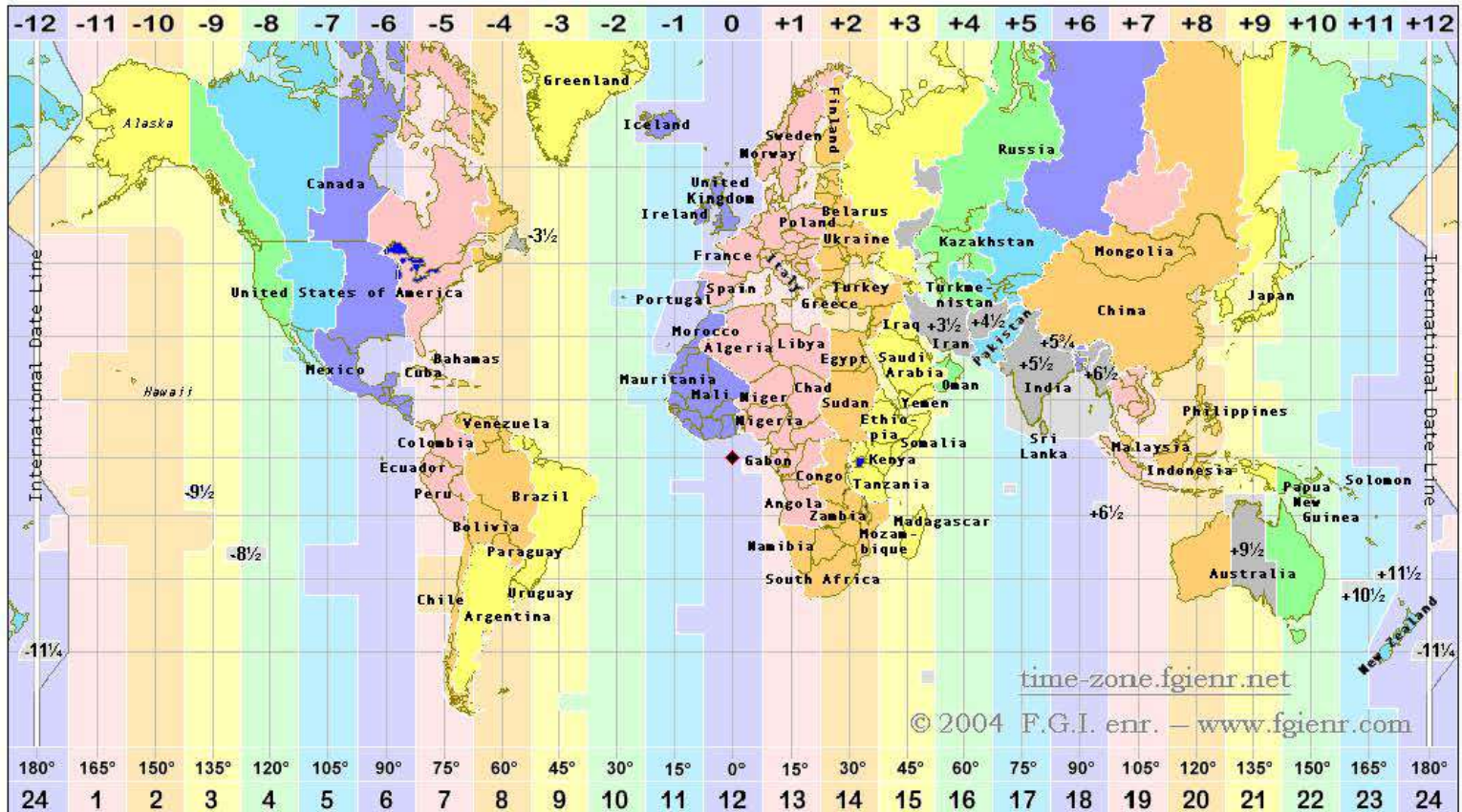
**Solomon**

**Sudan**

**Uruguay**

**Ukraine**

**Sweden**



Name \_\_\_\_\_ Date \_\_\_\_\_ Year \_\_\_\_\_ Teacher \_\_\_\_\_



# ANSWER KEY TO REGENTS EARTH SCIENCE WORLD TIME ZONES WORKSHEET



**Direction: Using the following map below, answer the following questions**

**1. What time zone are you in?**

**Time zone in Philippines (GMT+8)**

**Answer depends on location of answerer.**

**2. If its 4 A.M .where you live, what time is it in the following places:**

**The answer is based on timezone of the Philippines 04:00 AM**

Mongolia	04:00	Greenland	18:00	China	04:00
Russia	23:00	Alaska	12:00	Iceland	20:00
Canada	16:00	South Africa	22:00	Norway	22:00
United States of America	16:00	Hawaii	10:00	Solomon	07:00
Japan	05:00	Mexico	15:00	Sudan	22:00
Somalia	23:00	Chile	16:00	Uruguay	17:00
Kenya	23:00	Spain	22:00	Ukraine	23:00
France	22:00	Libya	22:00	Sweden	22:00
		Oman	00:00		

## Time Zone Calculations

**15° = 1 hour difference. 75 divide 15 = 5. 5 hours difference.**

**Time difference = 10 hours. 15.30 + 10 hours is 25.3. There is no 25.3 hours as we measure time.**

**360 = 24 hours. 360 / 120 = 3. 24 hours / 3 = 8.**

**This crosses the International Date Line so the date will change. Difference is twenty hours.**

