

13. (a) CHINA, INDIA, RUSSIA

(b) CHINA, INDIA, RUSSIA

(c) THE REST OF THE WORLD IS GOING TO NEED TO PRODUCE A LOT MORE GRAIN SO THAT CHINA & INDIA CAN IMPORT IT.

17. (a)

YEAR	MEN	WOMEN
1930	75,000	50,000
2010	580,000	800,000

(b) 1980: MORE MEN? LOOKS CLOSE

2010: MORE WOMEN

(c) 1960'S

(d) 1950 : 425,000

2010 : 1,400,000

(e) YEAR IT SEEMS EFFECTIVE.

COULD HAVE USED COMBINATION TIME-SERIES DIAGRAM / PIE CHARTS LIKE IN EXAMPLE 5 (p. 341)

19. REGIONAL DIFF: NORTH LESS SEGREGATED THAN SOUTH.

RURAL/URBAN: URBAN MORE SEGREGATED THAN RURAL

EXPLANATIONS: FOR EXAMPLE, ALONG US/MEXICO BORDER THE POPULATION IS PROBABLY MOSTLY MEXICAN-AMERICAN, EXPLAINING WHY PROBABILITY OF HAVING WHITE CLASSMATES IS LOW.

20. (a) DOWNHILL - A IS A SUMMIT, SO ANY PATH FROM A IS DOWNHILL

(b) B TO D - CROSS MORE CONTOUR LINES
ELEVATION DROPS 40 FE EVERY TIME YOU CROSS ANOTHER CONTOUR LINE.

(c) STAYS THE SAME (CROSS NO CONTOUR LINES)

(d) O YOU'VE WALKED IN A LOOP: START ELEVATION = END ELEVATION.

21. (a) 13% IN 2010
20.5% IN 2050

(b) DECREASES FROM 14% TO 10%

(c) UNDER 25 (i.e. <5, 5-14, AND 15-25)
ALL SEEM TO DECREASE SLIGHTLY.

(d) 2010

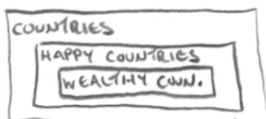
(e) ALL AGE GROUPS TEND TO DECREASE EXCEPT >65 WHICH INCREASES A LOT.

22. (a) QUALITATIVE. NOT CLEAR - PRESUMABLY NEITHER HAPPY NOR UNHAPPY.

(b) NO (c) EUROPE & NORTH AMERICA MOSTLY

(d) LATIN AMERICA (GRAPH SAYS SO.)

(e) GRAPH SEEMS TO SUPPORT THAT HAPPINESS COMES WITH WEALTH, ALTHOUGH WEALTH IS NOT NECESSARY IN ORDER TO BE HAPPY.



24. (a) COLOR OF BUBBLE
BENIN IS BLUE \rightarrow AFRICA (SOUTHERN AFRICA)

(b) $\sim 5,000,000$
 $\sim \$8,500 / \text{YR.}$

(c) $\sim 2,000,000$
 $\sim \$2,500 / \text{YR}$

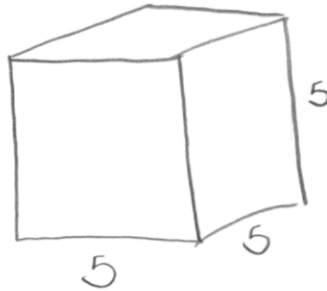
(d) WEALTHIER \rightarrow LESS HIV

(e) KOREA & SOUTH AFRICA

25. THE TV ON THE RIGHT IS $\sim 5 \times$ THE HEIGHT OF TV ON LEFT.
BUT IT IS ALSO $5 \times$ AS WIDE & $5 \times$ AS DEEP,
SO ITS VOLUME IS $125 \times$ THE TV ON THE LEFT



$$V = 1$$



$$V = 125$$

27. GRAPH SHOW WOMEN EARN $\sim \$650$, & MEN EARN $\sim \$800$ PER WEEK

SO MEN EARN $\frac{800 - 650}{650} \times 100\% = 23\%$ MORE.

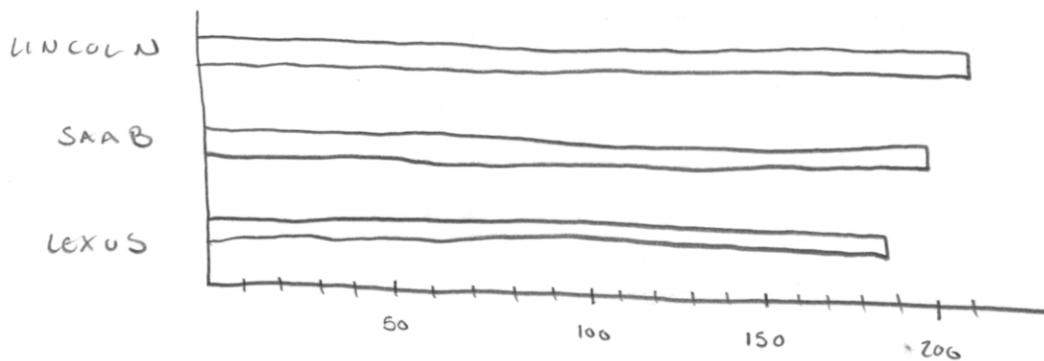
BUT MEN'S BAR SEEMS $\sim 400\%$ BIGGER!

MORE FAIR



28. THE BARS DO NOT START AT 0.

BRACING DISTANCE OF LINCOLN IS ABOUT 20 ft LONGER THAN THAT OF A LEXUS,



32. (a) INCREASED

(b) FELL ABOUT \$10 TRILLION

(c) REAL ESTATE ~ 30%

(d) DECREASED BY ABOUT 50% (ROUGHLY \$5 TRILLION)

(e) I HAVE ABSOLUTELY NO IDEA.

THIS QUESTION HAS NOTHING TO DO WITH THE CHART SINCE THE CHART STOPS AT 2009.

(f) ADDITION OF PICTURES THAT REPRESENT WHAT THESE THINGS ARE, OR WRITTEN DEFINITIONS.