Week 3 Practice Questions

For a test with **a mean of 90** and a **standard deviation of 16** solve the following problems:

i. What is the T-score equivalent to a raw score of 130?

a.75

b. 50

c. 62

d. 25

e. 80

f. 95

For a test with **a mean of 20** and a **standard deviation of 5** solve the following problems:

i. What is the z score equivalent to a raw score of 27?

a. 1.4

b. 2

c. -1.1

d. -2.3

e. 0.75

f 0.8

What is the raw score equivalent to a T score of 50?

a. 5

b. 70

c. 35

d. 20

e. 25

f. 50

For a test with a norm group standard deviation of **6** and a reliability coefficient of **0.69**, the Standard Error of Measurement is:

a. 0.85

b. 0.78

c. 1.96

d. 2.8

e. 5.85

f. 3.34

For the above test, what is **the 68% confidence band** for a **raw score of** **27**?

a. 25.94 to 29.06

b. 26.22 to 27.78

c. 21.15 to 32.85

d. 20.2 to 29.8

e. 23.66. to 30.34

f. 26.02 to 27.98

For a test with a reliability of 0.75, what is the 68% confidence band for a T score of 53?

1. 43 to 63
2. 47 to 59
3. 48 to 58
4. 40 to 60
5. 45 to 16

f. 51 to 55