**LT #5: Using Linear Models**

1. Which correlation coefficient would best represent the scatter plot of data?

(2 pts each)

1. \_\_\_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_\_\_\_



a. r = -.97
b. r = -.12
c. r = .23
d. r = .96

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2. Describe the correlation given a correlation coefficient of r = -.94

a. Strong, negative
b. Weak, negative
c. Strong, positive
d. Weak, positive

**LT #6: Families of Functions (Transformations)**

State the transformations on the following functions. Then graph the
function, using the transformations. (4 pts each)

16. $y=(x-3)^{2}+1$ 17. $y=\frac{1}{2}\left|x\right|$

 

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