

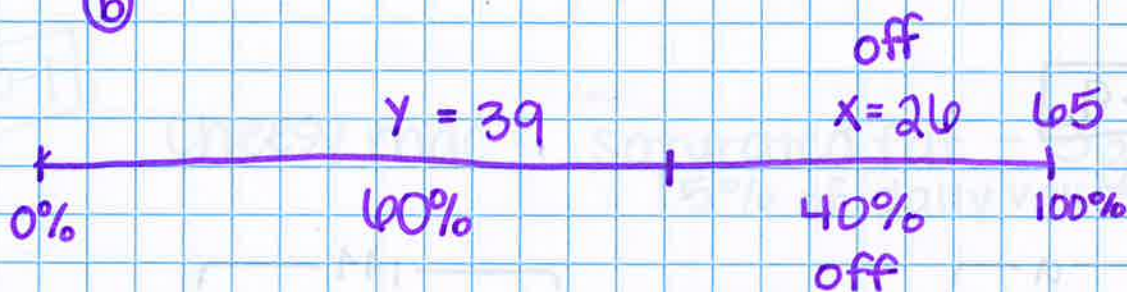
can use a linear model to help me find a discount and calculate the sale price.

5-14

Jeans are 40% off  
 → regular price \$65

(a) Estimate: \_\_\_\_\_

(b)



$$\frac{40}{100} = \frac{x}{65}$$

$$100x = 40 \cdot 65$$

$$\frac{100x}{100} = \frac{2,600}{100} = 26$$

$$65 - 26 = 39$$

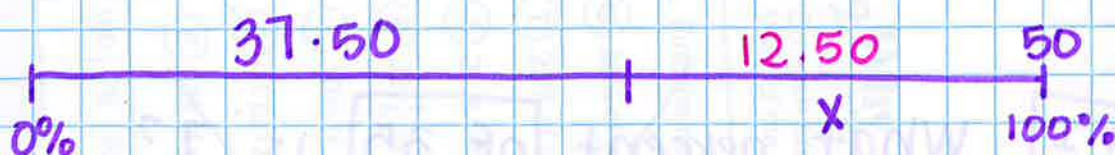


5-15

shirt on sale for \$37.50  
original cost is \$50

(a) estimate the % discount: \_\_\_\_\_

(b)



$$\frac{12.50}{X} = \frac{50}{100}$$