

Rates, Ratios, Proportions Review

- The exchange rate for United Arab Emirates currency and Egyptian currency is 1 AED = 4.28 EGP.

A. Create a ratio in fraction form that shows the exchange rate $\frac{\boxed{}}{\boxed{}}$

B. Using proportional reasoning, show how many EGP (Egyptian Pounds) that are equivalent to 12 AED.

$$\frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}} \quad 12 \text{ AED are equivalent to } \boxed{} \text{ EGP}$$

- 570 people die from smoking related diseases every day. (Create a ratio then use proportional reasoning to find the answer.)

a. How many people die from smoking related diseases every hour?

$$\frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}} \quad \boxed{} \text{ is the amount that die from smoking every hour.}$$

b. How many people die from smoking related diseases every week?

$$\frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}} \quad \boxed{} \text{ People die from smoking related diseases every week.}$$

c. How many people die from smoking related diseases every year?

$$\frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}} \quad \boxed{} \text{ People die from smoking related diseases every year.}$$

- The width to length ratio of the rectangles is 3 to 5. Fill in the missing lengths. (Hint: The width is the shorter side; the length is the longer side.)



6 inches



30 inches

$$\frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

4. You type 200 words in 5 minutes. Brenda types 240 words in 6 minutes.

a. How many words you type in 1 minute?

$$\frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

b. How many words does Brenda type in a minute?

$$\frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

c. Who types the fastest?

types the fastest.