

$$\text{Ex 1) } 3x + 7 = 25 \quad \{4, 5, 6\}$$

$$\cancel{3(4) + 7 = 19} \quad \cancel{3(5) + 7 = 22} \quad \textcircled{3(6) + 7 = 25}$$

$$x = 6$$

$$\text{Ex2)} \quad x^x = 8 \quad \{?\}$$

$$2^2 = 4$$

$$x \approx 2.39$$

$$3^3 = 27$$

Ex3)

$$12x = 54$$

$$\frac{\cancel{12}x}{\cancel{12}} = \frac{54}{12}$$

$$1x = 4.5$$

$$\text{Ex 5) } l \cdot l = 72$$

$$l^2 = 72$$

$$\sqrt{l^2} = \sqrt{72}$$

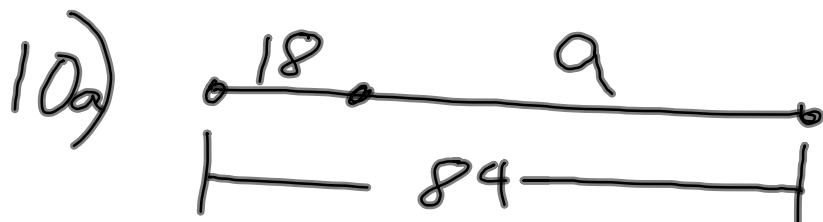
$$l = 8.5 u$$

$$l \begin{array}{|c|} \hline 72u^2 \\ \hline \end{array} l$$

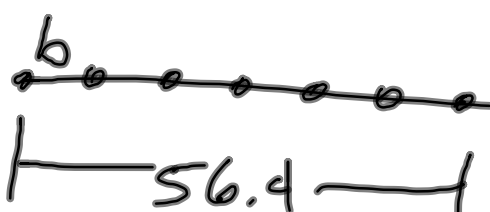
Show
all
work
& original
problem

3.4

10-20, 22, 23, 27, 29



$$\begin{array}{r} 18 + a = 84 \\ -18 \quad \vdots \quad -18 \\ \hline a = 66 \text{ units} \end{array}$$

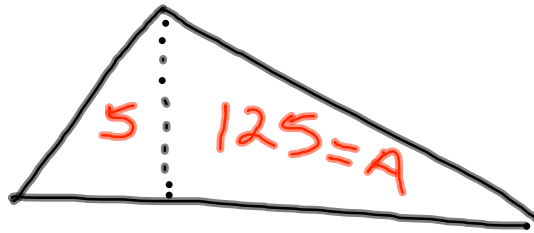
10b) A horizontal line with several small circles representing points. The first circle on the left is labeled with the letter 'b'. Below the line, a horizontal bracket spans from the first circle to the sixth circle, with the number '56.4' written in the middle of the bracket.

$$\frac{6b}{6} = \frac{56.4}{6}$$

$$b =$$

$$(3) \frac{\cancel{54}}{1} \cdot \frac{x}{\cancel{54}} = 96 \cdot \frac{\cancel{54}}{1}$$
$$x = ?$$

22)



$$A = \frac{1}{2} \cdot b \cdot h$$

$$125 = \frac{1}{2} \cdot b \cdot 5$$

$$125 = \frac{5}{2} \cdot b$$

$$\left(\frac{2}{5}\right) 125 = \left(\frac{2}{5}\right) \frac{5}{2} \cdot b$$

$$\boxed{} = b$$

$$27) \quad 5w = w + 40$$

think

$$\underline{w + w + w + w + w} = \underline{w} + \underline{40}$$

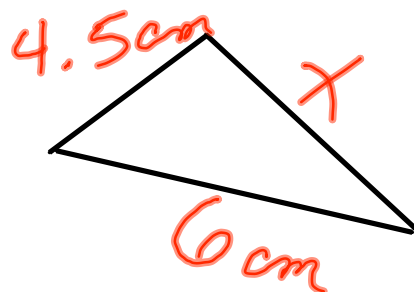
take off one 'w' from each side.

$$(w + w + w + w) = 40$$

$$4w = 40$$

solve for w

29)



perimeter
18

$$6 + 4.5 + x = 18$$

Solve for x