

# 8a

Djup(cm)

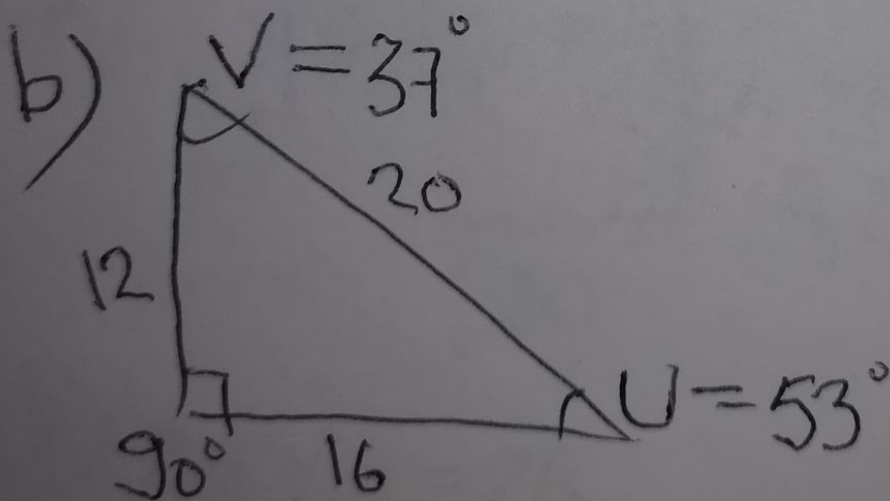


$$9a) 5 \cdot 1,07^3 \approx 6,13$$

$$b) 3000 = 5 \cdot 1,07^x - \text{räkna de}$$

$$10a) \overset{144}{(12 \cdot 12)} + \overset{256}{(16 \cdot 16)} = 400$$

$$\sqrt{400} = 20$$



$$16/20 = 0.8 \quad \sin^{-1}(0.8) \approx 53$$

$$0m \ a=10$$

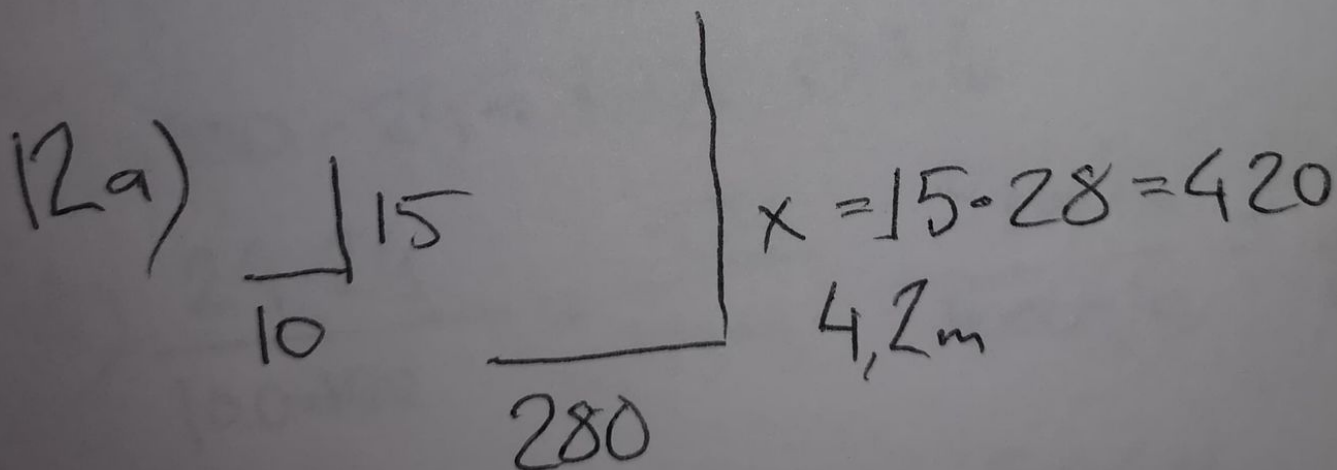
$$|| \text{Kub: } a^3 = V \quad 1000$$

$$\text{Cylinder: } \pi \cdot r^2 \cdot a \approx 785$$

$$\text{Kon: } \pi \cdot r^2 \cdot a/3 \approx 261$$

$$4 \text{ Pyramid: } (\overset{\text{are } a}{a \cdot a}) \cdot a/3 \approx 333$$

12a)


$$x = 15 \cdot 28 = 420$$
$$4,2m$$

b)

$$280/10 = 28$$
$$28:1$$

13 area:  $(37 + 12) \cdot 2 = 98 = \text{omkrets}$

$$\overset{37}{(7.5 + 2)} \cdot \overset{12}{(4 \cdot 3)} = 444$$

$$444 - \overset{25}{(5 \cdot 5)} - \overset{15}{(3 \cdot 5)} = 404$$

14a) Komplementhändelse = sannolikhet  
att det inte sker

$$100 - 24 = 76\% \quad 0.76$$

$$b) \frac{24 \cdot 24}{100 \cdot 100} = \frac{576}{10000} \quad \frac{576/16}{10000/16} = \frac{36}{625}$$

$$\frac{36}{625} = 0,0576 \text{ eller } 5,76\%$$

$$c) \text{ Stolpe: } 76 \cdot 0.04 = \frac{3,04}{100} = 0,0304$$

$$0,0304 \cdot 0,76 \cdot 0,24 = 0,0539904$$