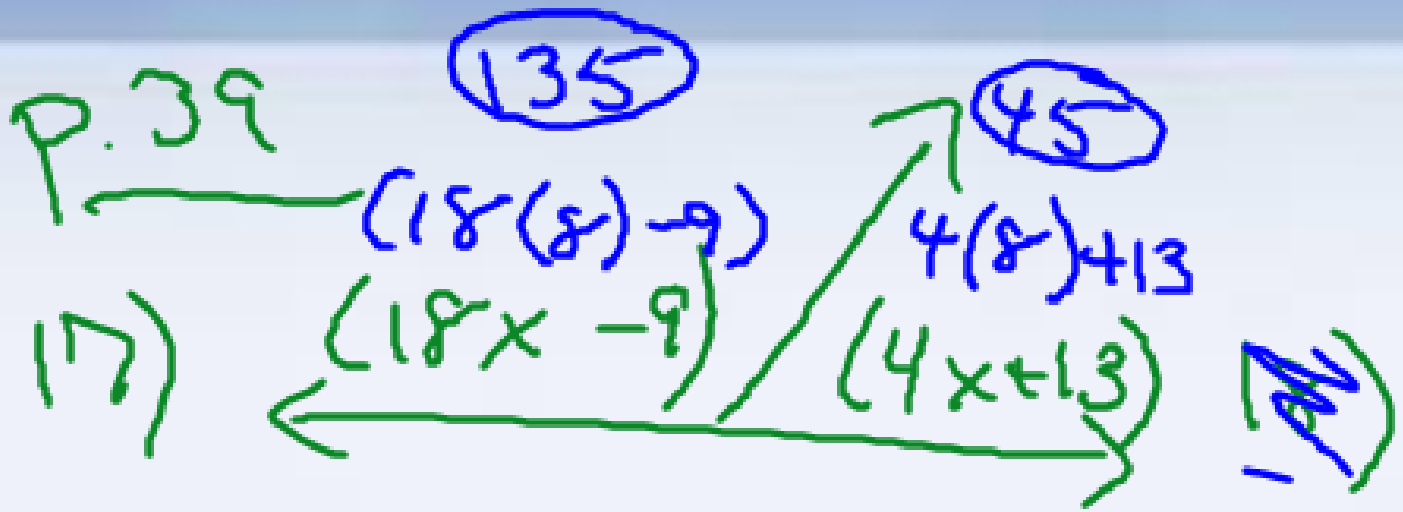
p.39
#8, 9, 12, 13, 17, 18

Due Today

P. 39

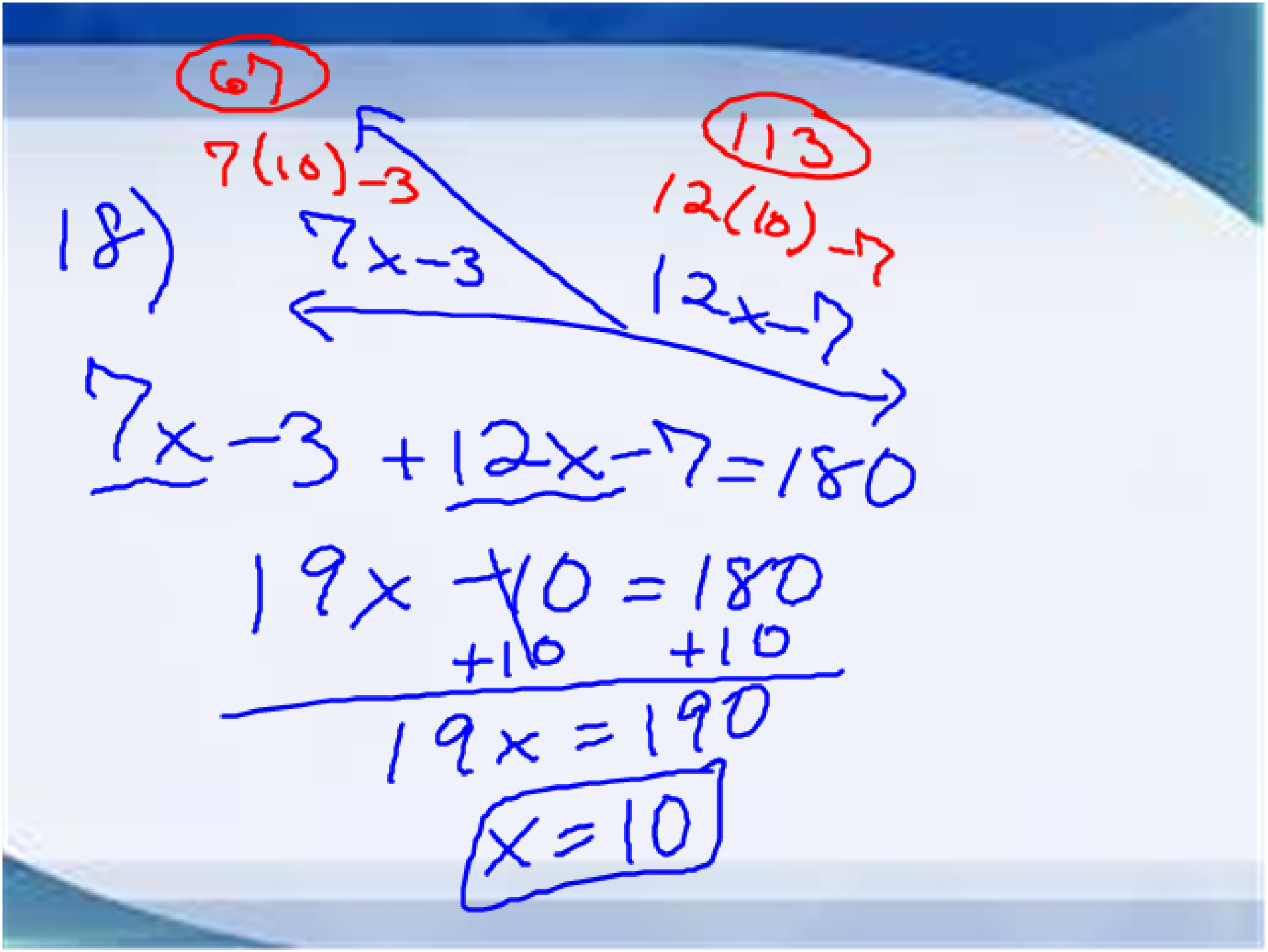


$18x - 9 + 4x + 13 = 180$

$22x + 4 = 180$

$22x = 176$

$x = 8$


67
7(10)-3
113
12(10)-7
18)
7x-3
12x-7
7x-3+12x-7=180
19x+10=180
+10 +10
19x=190
x=10

Section 1.7

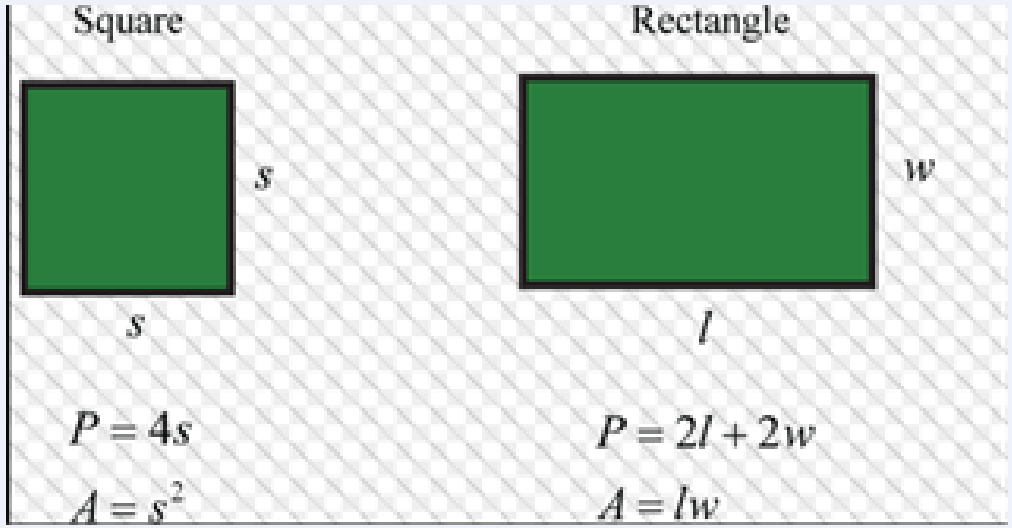
Find Perimeter, Circumerence, & Area

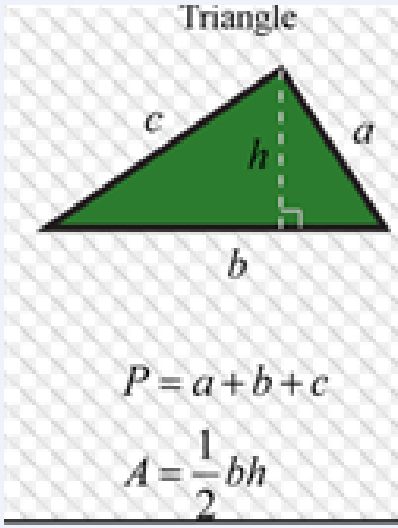
Vocabulary…

Perimeter - the distance around a figure.

Circumference - the distance around a circle.

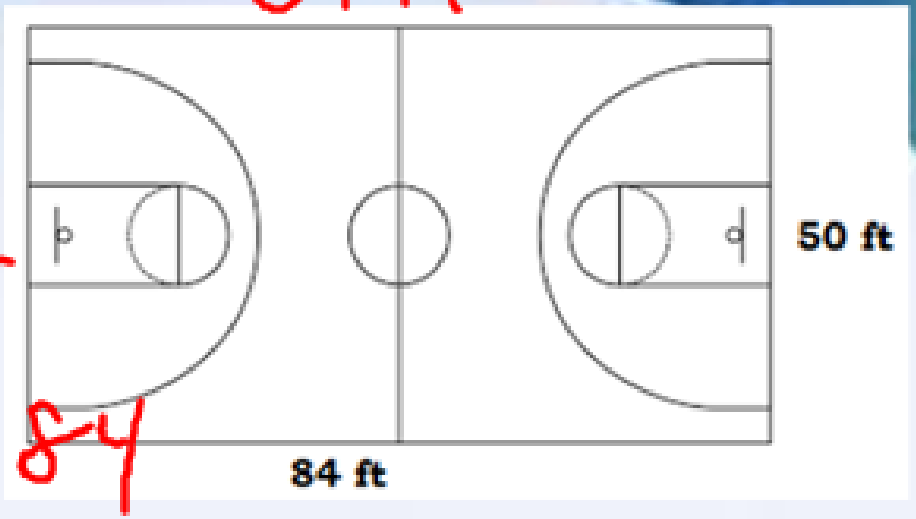
Area - the amount of surface covered by a surface.





Find the perimeter and area of the rectangle basketball court shown.

84ft.



50ft

$P_{\square} = 50 + 50 + 84 + 84$

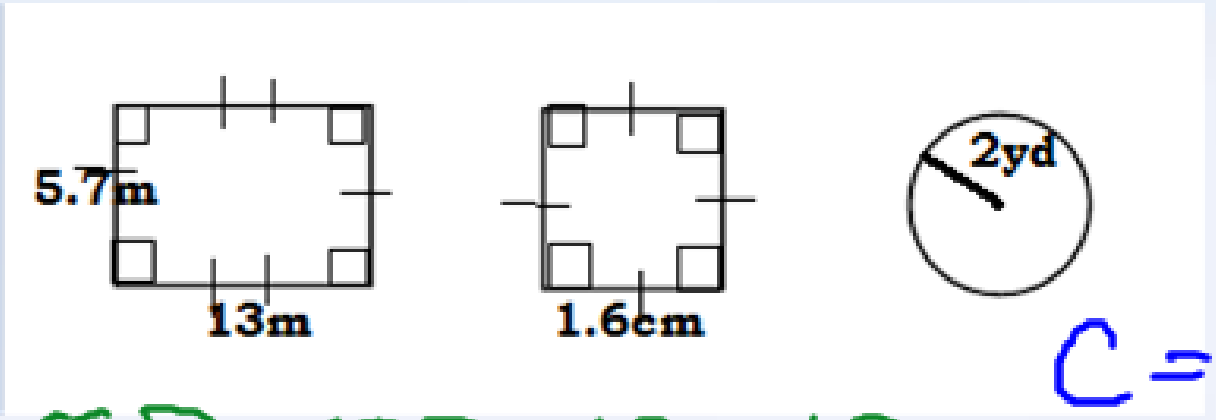
$P_{\square} = 268\text{ ft}$

$A_{\square} = L \times W$

$= 84\text{ ft} \times 50\text{ ft}$

$= 4200\text{ ft}^2$

Find the perimeter (or circumference) and area of each figure.



$P_{\square} = 5.7 + 5.7 + 13 + 13$

$= 37.4\text{ m}$

$A_{\square} = 5.7\text{m} \times 13\text{m}$

74.1 m^2

$C = 2\pi r$

$= 2(3.14)\cdot 2\text{yd}$

$= 6.28(2)$

$= 12.56\text{yd}$

$A_{\circ} = \pi r^2$

$(3.14)(2\text{yd})^2$

$= 12.56\text{yd}^2$

9)

$P_{\Delta} = 10\,yd + 10\,yd + 5\,yd$

$= 25\,yd.$

$A_{\Delta} = \frac{1}{2} \cdot b \cdot h$

$= \frac{1}{2}(5\,yd) \cdot (9\,yd)$

$= \frac{5}{2} \cdot (9\,yd)$

$= \frac{45}{2} = 22\frac{5}{2}\,yd^2$

Now Do

Last page in packet