

Problems with the homework?

Page 281-282

7 a i) 11 a, b, d 12 13 14 15

17 18

$$\begin{aligned}
 13. \quad & 5 - 3n = 3.5 \\
 & -3n = \frac{-1.5}{-3} \\
 & n = 0.5
 \end{aligned}$$

Ls	Rs
5 - 3n	3.5
5 - 3(0.5)	
5 - 1.5	
3.5	

Ls = Rs $\therefore n = 0.5$

Solve

$$\begin{aligned}
 \frac{2}{3}(x-5) &= \frac{4}{5}(x+2) \\
 &= 15\left(\frac{2}{3}(x-5)\right) = 15\left(\frac{4}{5}(x+2)\right) \\
 &= 5(2(x-5)) = 3(4(x+2)) \\
 &= 10(x-5) = 12(x+2) \\
 &= 10x - 50 = 12x + 24 \\
 & \quad \quad \quad \overset{+50}{-50} \quad \quad \quad \overset{-12x}{+12x} \quad \quad \quad \overset{-24}{+24} \\
 & \quad \quad \quad 10x = 12x + 74 \\
 & \quad \quad \quad -2x = 74 \\
 & \quad \quad \quad -2 \quad -2 \\
 & \quad \quad \quad x = -37
 \end{aligned}$$

Page 282-283
19, 21

Homework

Page 282-283

19 & 21