

gr 7 u6 eq day 11 solving equations.notebook

Extra Practice 4  
(3a) 
$$x = humber of hours
 $7x + 5 = 40$   
 $7x + 5 = 40 - 5$   
 $7x = 35$   
 $7x = 35$   
 $7x = 35$   
 $7x = 5$   
 $8f = 5$   
 $8h + 9 = 65$   
 $8h + 9 = 65$   
 $8h + 9 = 56$   
 $8h = 78$   
 $65$   
(1)  $h = hours worked$   
 $6h + 12 = 90$   
 $6h + 12 = 90 - 12$   
 $6h = 78$   
 $65 = 78$   
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Homework Sheet Extra Practice 4 # 4,5 pg. 243 # 1-6

H. 
$$\chi = number of week
184 + 84 = 210
184 + 84 = 210
184 + 84 = 210 - 84
184 = 126
184 = 126
184 = 126
18 = 126
18 = 18 + 184
210
It will take
126+84
Tweeks
2300 + 172 = 264
2300 + 172 = 264
2300 + 172 = 264
2300 = 92
2300 = 92
2300 = 92
2300 = 92
2300 = 92
2300 = 92
15 = 264
0 = 4 = 2344 + 172
264
It will take
0 = 4 = 2344 + 172
264$$



Sol 
$$x = number of hours$$
  
 $bx + 12 = 30$   
 $bx + 12 = 30 - 12$   
 $bx = 18$   
 $bx = 18$   
 $bx = 18$   
 $bx = 3$   
He can play  $bx = 18$   
 $50^{-1} 3 hours$ .  
 $bx = number of hours$   
 $12x + 15 = 75$   
 $12x + 15 = 75 - 15$   
 $12x = 60$   
 $12x = 5$   
He can field  $75$   
 $15$   
He can field  $75$   
 $15$   
 $16 + number of hours$   
 $3h + 8 = 20$   
 $3h = 12$   
 $3h = 12$   

 $\frac{29245}{10} = 4$ 法X 2= 4 X2 大= 8 c) <u>24</u> = 16 ¥x4=16x4 x=64 "20 x+5= 12 x+5-5=12-5 オニフ d = 9 d = 9 = 9 = 6 d = 6 = 9 = 6  $\chi = 54$ e) 4x=36 4¥=3b ∓=∓ 7=9

b) 
$$\frac{1}{3} = 7$$
  
 $\frac{1}{3} \times 3 = 7 \times 3$   
 $\chi = 2($   
d)  $\frac{1}{5} = 10$   
 $\frac{1}{5} \times 5 = 10 \times 5$   
 $\chi = 50$   
b)  $\chi - 5 = 12$   
 $\chi - 5 + 5 = 12 + 5$   
 $\chi = 17$   
d)  $\chi + 4 + = -9$   
 $\chi = -13$   
f)  $16 \times = 1/2$   
 $\chi = -13$   
f)  $16 \times = 1/2$   
 $17 \times = 1/2$   
 $17 \times = 1/2$   
 $17 \times = 1/2$   
 $18 \times = 1/2$ 

g) 
$$4\chi + 2 = 30$$
  
 $4\chi + 2 - 2 = 30 - 2$   
 $4\chi = 28$   
 $4\chi = 28$   
 $\chi = 7$ 

$$\begin{array}{l} 8 \times + 17 = 1 & 6 \\ 8 \times + 17 - 17 = 1 & 6 \\ 8 \times = 8 & 8 \\ 8 \times = 8 & 8 \\ 8 \times - 8 & 8 \\ 8 \times - 8 & 8 \\ 7 \times = 1 \end{array}$$

•3. 
$$J = \# of beads Many had
b + 7 = 21
b + 7 - 7 = 21 - 7
b = 14
More had
14 breads.
•4.  $b = \# of cookines Jerome$   
 $b = 4$   
 $b = 32$   
 $a = 4$   
 $b = 32$   
 $a = 32$   
 $a = 32$   
 $a = 72$   
 $a = 72$$$





#2 (Word Problem - Write equation and solve)

#3(Word Problem - Write equation, solve & Verify)

#4 (Area and perimeter question with formulas given just have to fill in given information and solve)

Extra Practice 5 Solving Equations by using different models to solve pdf.pdf