Chapter 3: Linear Equations

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7/31/18

1 Exercises

3-4	$A = 190$ adults
3-5	$T = \frac{80}{3}\frac{m}{h}$
3-6	$T = 2.5$ hours
3-7	$T = 30$ days

2 Chapter Problems

27	$b = g - 4$
28	62
29	11 nickels
30	25 years old
31	45 years old
32	80 cents
33	15 and 17
34	36 points
35	28 slices
36	14 nickels
37	$c = \frac{b(a^2-1)}{a}$
38	$t = \frac{30}{x}$

39	$x = -1$
40	$20\frac{m}{h}$
41	4.8 days
42	$\frac{240}{7}\frac{m}{h}$
43	$56\frac{m}{h}$
44	$\frac{11}{4}$ days
45	15 women
46	Blank
47	$x = 300m$
48	$r = \frac{3}{20}\frac{m}{h}$
49	45 people
50	$r = \frac{960}{61}\frac{m}{h}$
51	Blank
52	$(x, y) = (6, \frac{12}{7})$
53	$\frac{x}{y} = \frac{1}{3}$
54	$x + y + z = 64$
55	$t = \frac{5}{6}$ hours