



7(a)	$-3 < x \leq 2$
7(b)	$-1, 0, 1, 2, 3, 4$
24(a)	$\frac{10}{x}$
24(b)	<i>their</i> $\frac{10}{x} + \frac{5}{x+4} = \frac{7}{2}$ oe
	$20x + 80 + 10x = 7x^2 + 28x$ oe
	Leading to $7x^2 - 2x - 80 = 0$
24(c)	$\frac{-(-2) \pm \sqrt{(-2)^2 - 4(7)(-80)}}{2(7)}$ oe
	-3.24 and 3.53
24(d)	2h 10min

18(a)	$\frac{12}{x}$
18(b)	$\frac{10}{x-4}$
18(c)	<i>their</i> $\frac{10}{x-4} - \text{their } \frac{12}{x} = 1$ oe
	$10x - 12x + 48 = x^2 - 4x$
	Leading to $0 = x^2 - 2x - 48$
18(d)	$(x+6)(x-8)$
	-6, 8
18(e)	1.5 or $1\frac{1}{2}$

7	$-1.5 \leq y < 4$ final answer
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