

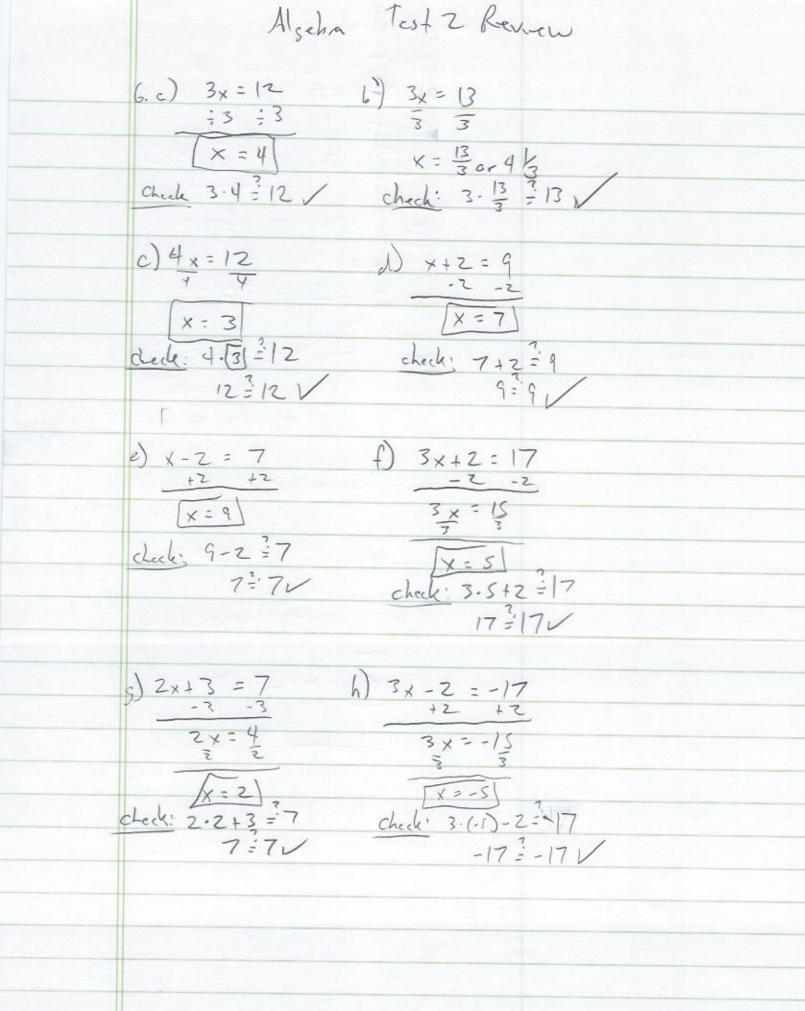
$$4.a)\frac{2}{5} \times \frac{3}{7} = \frac{2 \times 3}{5 \times 7} = \frac{6}{35}$$

$$\frac{1}{5} = \frac{14}{5} = \frac{14}{35} + \frac{15}{35} = \frac{29}{35}$$

$$\Delta) = \frac{2}{5} \div \frac{3}{7} = \frac{2}{5} \cdot \frac{7}{3} = \boxed{\frac{14}{15}}$$

$$s) \frac{8}{9} \times 3 = \frac{8}{9} \times \frac{3}{1} = \frac{8 \cdot 8}{3} = \frac{8}{3}$$

$$\frac{1}{1}$$
 $\frac{6}{15} \times \frac{3}{12} = \frac{6 \cdot 3}{518 \cdot 12} = \boxed{1}$

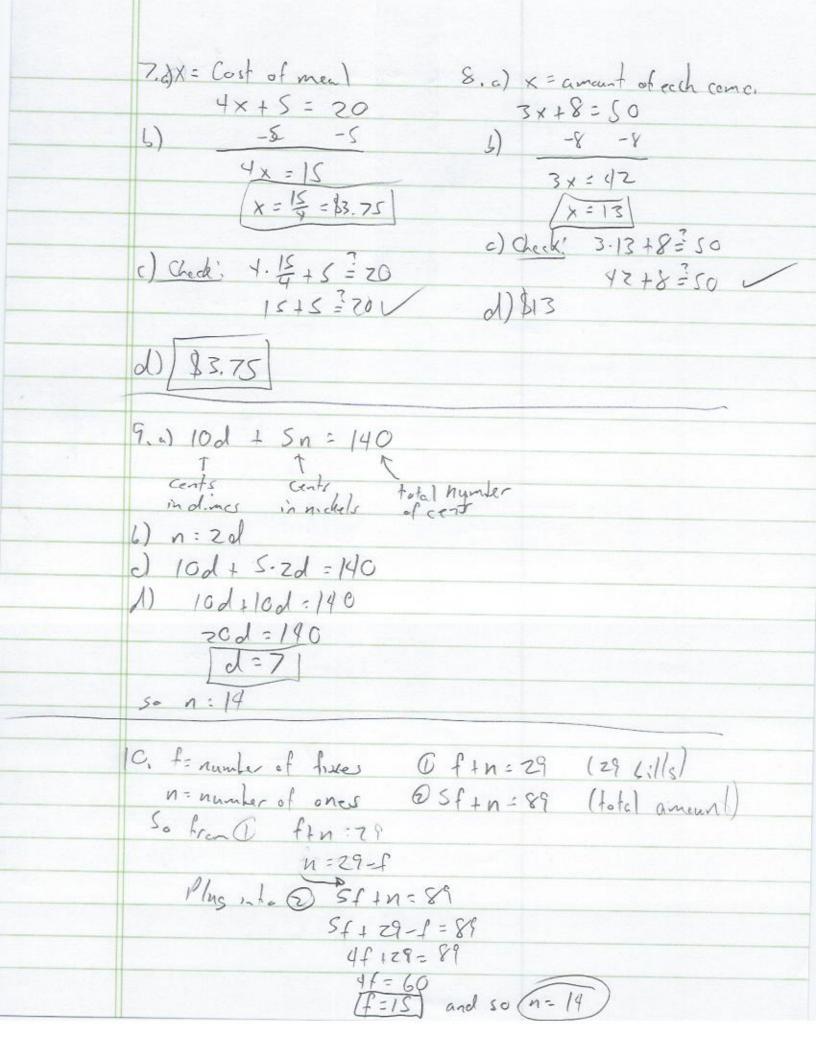


Algebra Test 2 Review

6i) 3x+Z=	x+17' 3) x+1=3-x
3 × = ×	+15 $X = 2-x$
-x -x = 1	
ZX - 1	S 2x = 2
(x = 15	X=D
	or 7= 3 -1
check: 3.15 + 2	2=2/
	= 15+17
45	7 5 1 39
k) x+1 = 2-x +x + x	
2×+1=2	
-1 -1	2×1 = 3
1 = x 5	7x:2
(X = 1/2)	x=1j
	01 100000000000000000000000000000000000
Check \$11 = 2	-1/2
1/2=1	2/2/
m) x + 1 = x + 5	n) z(x+1)+3=3-x
- × - ×	Zx+2+3=3-X
1=5	2x+5=3-X
No solution	+X + ×
100 Solution	3×+5=3
	-5 -5
	3×=-2
	x = - Z/3
	Check: 2(-3+1)+3=3-(-3)
	3 13 = 313/3 V

6.0)
$$Z(x+1) + x = 3x + 2$$
 $2x + 2 + x = 3x + 2$
 $3x + 7 = 7$
 $3x + 7 = 7$
 $3x + 7 = 7$
 $3x + 7 = 7$

No solution



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11. In equation in one variable that reduces to a contradic].
means it has no solution.	Tien
For example 2x+1=2x+5	
Simple est. 1=5 a contralition	
30 there 15 no solution,	
12. In equation in one variable that reduces to 0=0 means there is an infinite number of solutions. In fact all reclaims	
there is it is the reduced to 0-0 men	~>
I have number of solutions. In fact all rec I mu	nhed
0,5 C 20/0/15~	
For example: $2x+1=2x+1$ $-2x-1$	
-2x -1 -2x-1	
0:0	
Solution x= all real numbers	
al ca marts	
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