

Algebra Test Review
$$pg \theta$$

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

b) $\frac{2}{5} + \frac{3}{7} = \frac{14}{35} + \frac{15}{35} = \frac{29}{35}$

c) $\frac{2}{5} - \frac{3}{7} = \frac{14}{35} - \frac{15}{35} = \frac{14}{75}$

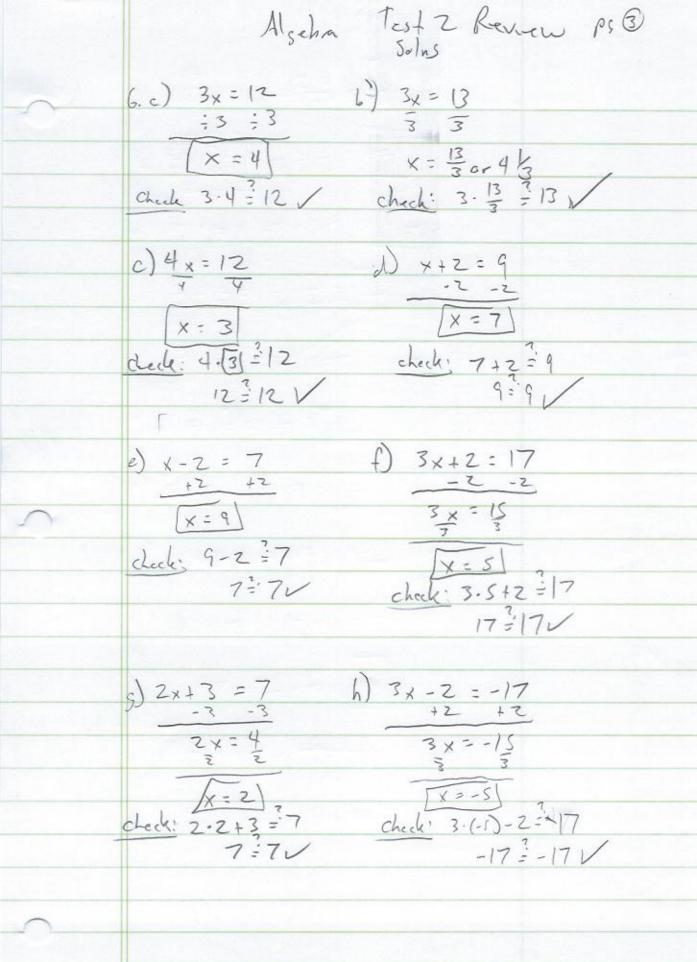
e) $\frac{3}{4} \cdot \frac{2}{9} = \frac{3 \cdot 2}{34 \cdot 9} = \frac{3 \cdot 2}{35}$

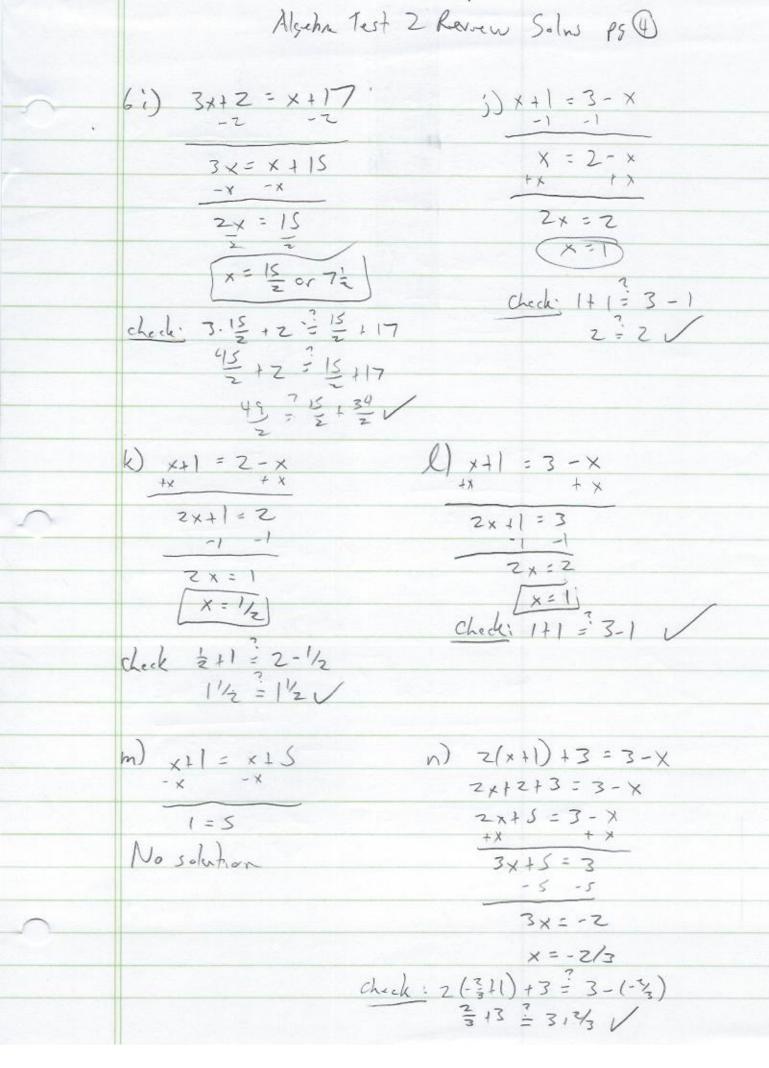
e) $\frac{3}{4} \cdot \frac{2}{9} = \frac{3 \cdot 2}{34 \cdot 9} = \frac{3 \cdot 2}{35}$

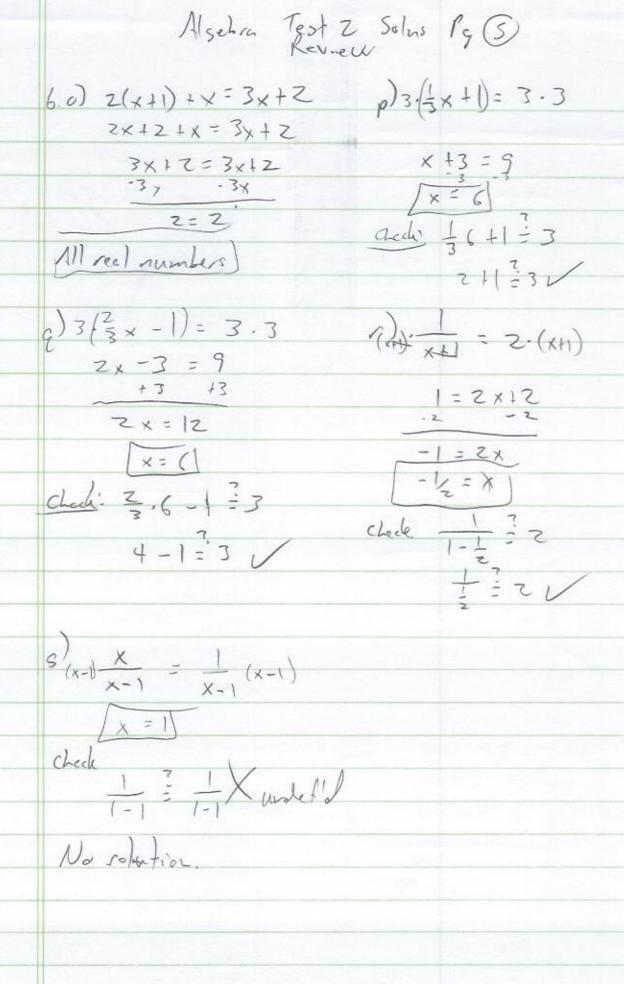
f) $\frac{8}{9} \times 3 = \frac{9}{9} \times \frac{3}{1} = \frac{8 \cdot 8}{39} = \frac{8}{3}$

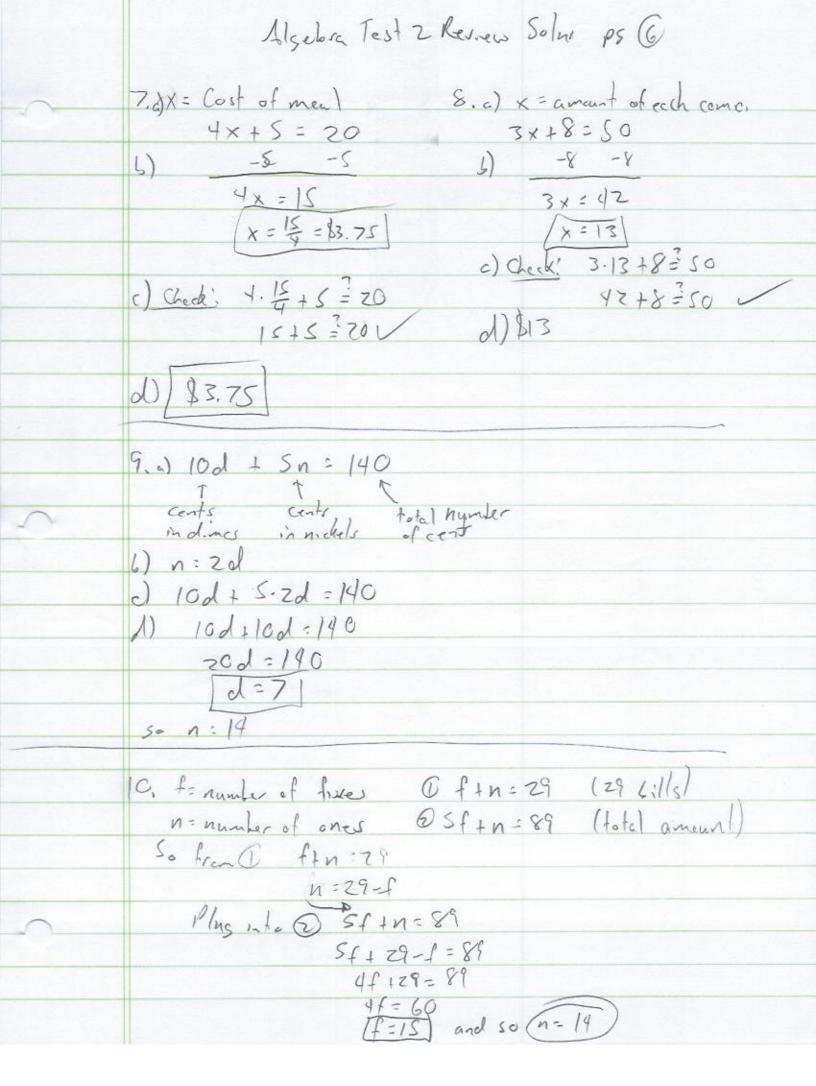
h) $12 \div \frac{1}{2} = 12 \cdot 2 = 24$

 $\frac{1}{1}$ $\frac{6}{15} \times \frac{3}{12} = \frac{6 \cdot 3}{5 \cdot 12} = \frac{1}{10}$









Alsobra Test 2 Review Solve PS @

11. An equation in one variable that reduces to a contradiction means it has me solution. For example 2x+1 = 2x + S Simplefies +. 1= S a contradiction 30 there is no solution. 12. An equation in one variable that reduces to 0=0 means there is an infinite number of solutions. In fact all reclaimled are a solution. For example; 2x + 1 = 2x + 1 -2x - 1 - 2x - 1 G = 0
Simple est. 1=5 a control. tien so there is no solution, 12. In equetion in one variable their reduces to 0=0 means there is an infinite number of solution. In fact all real number are a solution. For example; 2x +1 = 2x +1 -2x -1 -2x -1 G = 0
there is an infraise number of solutions. In fact all reclaumhed are a solution. For example: 2x +1 = 2x +1 -2x -1 -2x-1
For example: $2x+1=2x+1$ $-2x-1-2x-1$ $G=0$
Solution x= all real numbers

3. The Pythagorean Thra says for any right triangle The 2nd Proof we saw put 4 copies of the transle like so C