Name: _____   Period: _____

Solve each proportion. When necessary, round to the nearest tenth.

1. $\dfrac{4}{7} = \dfrac{a}{49}$

2. $\dfrac{5}{9} = \dfrac{48}{g}$

3. $\dfrac{w}{26} = \dfrac{7}{33}$

4. $\dfrac{11}{c} = \dfrac{33}{36}$

5. $\dfrac{7}{11} = \dfrac{j}{24.5}$

6. $\dfrac{18}{y} = \dfrac{48}{51}$

7. $\dfrac{9}{28} = \dfrac{e}{70}$

8. $\dfrac{8}{11} = \dfrac{9.3}{m}$

9. $\dfrac{f}{5} = \dfrac{13}{46}$

Use proportions to convert from one unit to the other. When necessary, round to the nearest tenth.

10. 32 fl oz = _____pt

11. 6 ft = _____in

12. 27 pt = _____c

13. 9 c = _____fl oz

14. 8 lbs = _____ oz

15. 250 in = _____yd

16. 33 tbsp = _____tsp

17. 16 pt = _____qt

18. 98 ft = _____mi

19. 23 yd = _____ft

20. 8 qt = _____gal

21. You are baking and your recipe calls for 4 tablespoons of vegetable oil. However you only have a teaspoon, so how many teaspoons do you need for the recipe?

22. You need to make 8 quarts of Gatorade for the game this weekend. How many cups will this make?