GENETICS REVIEW

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

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8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

21. _____

22. _____

23. _____

24. _____
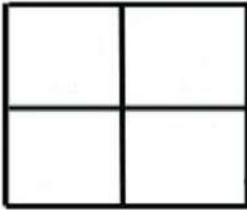
25. _____

26. _____

27. _____

28. _____

29. _____

30. _____

31. _____

32. _____

33.   What is the probability that a puppy will be deaf?

[Punnett square grid, 2×2]

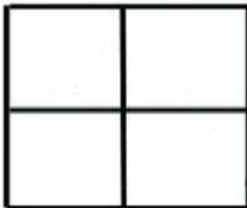   25%   50%   75%   100%

What is the probability that a puppy will be able
        to hear?

            25%   50%   75%   100%

*   *   *   *   *   *   *   *   *   *   *   *   *   *   *

34.   What is the probability that a child will be a tongue roller?

[Punnett square grid, 2×2]
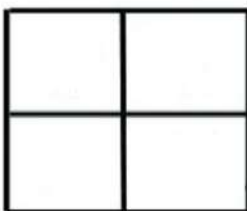
        _____ out of 4 OR   _____%

What is the probability that a child will be a non-roller?

        _____ out of 4   OR _____%

*   *   *   *   *   *   *   *   *   *   *   *   *   *   *

35.   What are the possible offspring from this cross?

[Punnett square grid, 2×2]   GENOTYPES   PHENOTYPES

                              _____   _____

                              _____   _____

_____   _____
*   *   *   *   *   *   *   *   *   *   *   *   *   *   *

36.

What is the probability the offspring will be:

TASTERS = _____ %

NON-TASTERS = _____ %