19. $n^2 + 6n + 8$

20. $k^2 - 13k + 40$

21. $16n^2 - 9$

22. $16b^2 - 40b + 25$

23. $9x^2 - 1$

24. $m^3 + 8n^9$

25. $x^3 - 216y^{12}$

26. $8x^3 + 27$

27. $-27u^3 + 125$

28. $x^4 - 8x^2 + 15$

29. $n^4 - 100$

30. $n^2 - n - 56$

31. The area of a rectangle is represented by $10x^3 + 15x^2 + 4x + 6$. Its dimensions are represented by binomials in x. What are the dimensions of the rectangle?

32. The area of a rectangle is represented by $x^2 - 10x + 24$. Its dimensions are represented by binomials in x. What are the dimensions of the rectangle?

33. Name value of *b* which makes the expression factorable:

$x^2 - 3x + b$

34. Name the value of b which makes the expression factorable:

$x^2 + bx - 24$

35. Name the value of b which makes the expression factorable:

$x^2 + bx + 18$