

16, 17, 18, 19, 20

16. $5v^2 + 4v - 1$
 $(5v - 1)(v + 1)$
 $\begin{array}{cc} 5v & -v \\ \hline 5v^2 + 5v - v - 1 \\ 5v^2 + 4v - 1 \end{array}$

17. $8 + 2s - s^2$
 $(2 + s)(4 - s)$
 $\begin{array}{cc} -2s & 4s \\ \hline 8 - 2s + 4s - s^2 \\ 8 + 2s - s^2 \end{array}$

18. $21 - 4x - x^2$
 $(3 + x)(7 - x)$
 $\begin{array}{cc} 21 - 3x + 7x - x^2 \\ 21 + 4x - x^2 \end{array}$
 $(3 - x)(7 + x)$
 $(7 + x)(3 - x)$
 $\begin{array}{cc} 21 - 7x + 3x - x^2 \\ 21 - 4x - x^2 \end{array}$

19. $x^2 - xy - 30y^2$ 65
 $(x + 5y)(x - 6y)$
 $\begin{array}{cc} x^2 - 6xy + 5xy - 30y^2 \\ x^2 - xy - 30y^2 \end{array}$

20. $p^2 + 2pq - 24q^2$
 $(p - 4q)(p + 6q)$
 $\begin{array}{cc} p^2 + 6p - 4p - 24q^2 \\ p^2 + 2p - 24 \end{array}$
 $\begin{array}{cc} p^2q^2 + 6pq - 4pq - 24 \\ p^2q^2 + 2pq - 24 \end{array}$
 $(p - 4q)(p + 6q)$
 $p^2 + 6pq - 4pq - 24q^2 \checkmark$

$$15t^2 - 16t + 4$$

$\begin{matrix} 3,5 \\ 15,1 \end{matrix}$ $(3t - 2)(5t - 2)$ $\begin{matrix} 1,4 \\ 2,2 \end{matrix}$

$-6t + -10t = -16t$