

5.2 page 260 24-54 even

(24) $x^2 + 9x + 14$

$(x+2)(x+7)$

(26) $x^2 - 4x + 3$

$(x-1)(x-3)$

(28) $x^2 - 16x + 51$

Cannot be factored

(30) $b^2 + 6b - 27$

$(b-3)(b+9)$

(32) $p^2 - 5p - 6$

$(p-6)(p+1)$

(34) $r^2 - 14r - 72$

$(r-18)(r+4)$

$$\textcircled{36} \quad 3x^2 + 17x + 10 \\ (3x + 2)(x + 5)$$

$$\textcircled{38} \quad 5x^2 - 7x + 2 \\ (5x - 2)(x - 1)$$

$$\textcircled{40} \quad 10x^2 - 19x + 6 \\ (5x - 2)(2x - 3)$$

$$\textcircled{42} \quad 11m^2 + 14m - 16 \\ (11m - 8)(m + 2)$$

$$\textcircled{44} \quad 7u^2 - 4u - 3 \\ (7u + 3)(u - 1)$$

$$\textcircled{46} \quad 4w^2 - 13w - 27 \\ (\quad) (\quad) \\ \text{Cannot be factored}$$

$$\textcircled{48} \quad x^2 + 4x + 4$$

$$(x+2)(x+2) = \boxed{(x+2)^2}$$

$$\textcircled{50} \quad 4r^2 - 4r + 1$$

$$(2r-1)(2r-1) = \boxed{(2r-1)^2}$$

$$\textcircled{52} \quad 16t^2 - 9$$

$$\boxed{(4t+3)(4t-3)}$$

$$\textcircled{54} \quad 25b^2 - 60b + 36$$

$$(5b-6)(5b-6) = \boxed{(5b-6)^2}$$