

**Do NOT move the desk!!**  
**Turn your phone OFF!!**  
**Put your phone up!!**  
**Sit down!!**  
**Be quiet!!**  
**Prepare to work!!**  
**Keep your hands to yourself!!**

## Addition Polynomials

$$2) \cancel{132}, \cancel{4x^2y}, \cancel{16zp}, 4x^3h, -12hx^3$$

$$5) 7ah, 8ah, \cancel{9h^2}, \cancel{5p^3q^4}, \cancel{11ah^2}$$

$$7) \cancel{mnr}, \cancel{m^2nr}, mn^2r, \cancel{mnr^2}, mn^2r$$

$$10) \pi r^2, \cancel{2\pi r}, 3\pi r^3, 5\pi r^2, 8\pi r^3$$

$$\begin{aligned} 13) & \quad (\underline{9m} + \underline{7n}) + (\underline{-4m} + \underline{3n}) \\ & \quad (\underline{9m - 4m}) + (\underline{7n + 3n}) \\ & \quad 5m + 10n \end{aligned}$$

$$\begin{aligned} 15) & \quad (\underline{2x} + \underline{4y} - \underline{1}) + (\underline{-x} - \underline{7} - \underline{6y}) \\ & \quad (\underline{2x - x}) + (\underline{4y - 6y}) + (\underline{-1 - 7}) \\ & \quad 1x + (-2y) + (-8) \end{aligned}$$

$$14) \quad \underline{(4r + 2u)} + \underline{(-7r - 87)}$$

$$(4r - 7r) + 2u + (-87)$$

$$-3r + 2u - 87$$

$$21) \quad \underline{(7u^2 - 10r)} + \underline{(-3u^2 + 8 - 2r)}$$

$$(7u^2 - 3u^2) + (-10r - 2r) + 8$$

$$4u^2 + (-12r) + 8$$

$$4u^2 - 12r + 8$$

$$\begin{aligned}
 15) & \quad (\underline{2x} + \underline{4y} - 1) + (\underline{-x} - 7 - \underline{6y}) \\
 & \quad (2x - x) + (4y - 6y) + (-1 - 7) \\
 & \quad x + (-2y) + (-8)
 \end{aligned}$$

$$x - 2y - 8$$

$$\begin{aligned}
 23) & \quad (\underline{x^2} + \underline{2x} + \underline{2}) + (\underline{3x^2} + \underline{4x} - \underline{9}) \\
 & \quad (x^2 + 3x^2) + (2x + 4x) + (2 - 9) \\
 & \quad 4x^2 + 7x - 7
 \end{aligned}$$

$$\begin{aligned}
 24) & \quad (\underline{x^2 y^2 z^2} + \underline{3x^3 y}) + (\underline{7x^3 y} + 2) \\
 & \quad x^2 y^2 z^2 + (3x^3 y + 7x^3 y) + 2 \\
 & \quad x^2 y^2 z^2 + 10x^3 y + 2
 \end{aligned}$$

$$\begin{aligned} 31) & (5ab + \underline{2ac} - \underline{6bc}) + (\underline{-4ac} + \underline{2bc}) \\ & 5ab + (2ac - 4ac) + (-6bc + 2bc) \\ & 5ab - 2ac - 4bc \end{aligned}$$









