

Pracovní list – mnohočleny – 8. ročník

1.

$$5r \cdot 10r^2 \cdot r^6$$

$$(-3s^5)^2$$

$$-8u^4 \cdot 2u^2v$$

$$12g^3h^2 \cdot 2g \cdot 3h^3$$

$$2a^5a^23a^3$$

$$(-2z^7)^3$$

$$16v^2u \cdot v \cdot 3u^3 \cdot 5v^2$$

$$2x^2 \cdot 5$$

$$3a^2b(-2a)$$

$$\left(-\frac{1}{2}z^2\right)4yz$$

$$2x^2y \cdot (-3xy^2)$$

2.

$$4a - 2x + a - 3x$$

$$-1,5mn + 2,5mn^2 - 0,5m + 3,5mn - 2,5mn^2 + 0,5m$$

$$4(p+2) - 7(3-2p) - (8p+7) - 2p$$

$$a(k-2)$$

$$(x+2) \cdot 3$$

$$a(a+2)$$

$$3x(2x-y+1)$$

$$2y(5y-3)$$

$$6x\left(x + \frac{1}{2}\right)$$

$$(-2a)(4a+b-1)$$

$$7b(4+b-c)$$

$$7a-5(a-2)$$

$$3(x+2y)-2y$$

$$3ab-2b(a-3)-6b$$

$$5(2x-y)-4(x-2y)$$

$$a^2b(b-a)$$

$$(x^2-2y) \cdot \frac{1}{2}x$$

$$(-s^2)(2-s^2)$$

$$(a^2-2ab+b^2)(-1)$$

$$(-3m^2)(2m^2-5m+4)$$

$$\left(\frac{2}{3}m^2 - \frac{1}{4}m + \frac{5}{6}\right)(-12m)$$

$$(-2k)(4k-1)(-3k)$$

3.

$$(a+3)(a+2)$$

$$(x+y)(x+y)$$

$$(s-2)(s+1)$$

$$(c-3)(3-c)$$

$$(a+b)(b+a)$$

$$(2a-b)(a-3b)$$

$$(4p-q)(2p+3q)$$

$$(2x-3)(x+1)$$

$$(4x-y)(2x+3y)$$

$$(0,4x+3)(0,4x-1)$$

$$(2a-1)(4a^2-7a+1)$$

$$(a-3)(3a+1)(a-2)$$