1. Nos monómios escritos na tabela as letras x, y e z representam variáveis e as letras a, b e c números reais não nulos. Completa a tabela seguinte:

Monómio	Forma canónica	Parte numérica	Parte literal	Grau
$2xya$	$2axy$	$2a$	xy	2
$\frac{x}{3}aybz$	$\frac{1}{3}abxyz$	$\frac{1}{3}ab$	xyz	3
$-3abc$	$-3abc$	$-3abc$	Não tem	0
$2\sqrt{5}$	$2\sqrt{5}$	$2\sqrt{5}$	Não tem	0
$0x^5$	0	0	Não tem	Indeterminado
$2xy^2 \times \sqrt{3}ax$	$2\sqrt{3}ax^2y^2$	$2\sqrt{3}a$	x^2y^2	4

2.

2.1. $\frac{63}{20}x$; grau 1

2.2. $\frac{1}{2}y^2$; grau 2

2.3. $\frac{23}{24}xy$; grau 2

2.4. $\frac{9}{2}x - 2y$; grau 1

2.5. $-2xy - \frac{13}{20}x$; grau 2

2.6. $-2x^2 - \frac{3}{2}x$; grau 2

2.7. $-\frac{23}{6}x + \frac{7}{2}$; grau 1

2.8. $2xy - \frac{5}{2}x + \frac{5}{2}$; grau 2

2.9. $-x^2y$; grau 3

2.10. $\frac{1}{4}x^2y - \frac{2}{5}x^2 + \frac{5}{2}x$; grau 3

2.11. $2x^2y - \sqrt{2}xy - \frac{22}{3}x$; grau 3

2.12. $\sqrt{3}x$; grau 1

2.13. $-\frac{38}{3}x^2 + \frac{1}{2}x + \frac{17}{2}$; grau 2

2.14. $x^2y^2 + 4xy + y^2 + \frac{5}{4}x$; grau 4

2.15. $\frac{5}{2}ax^2 - y^2 + by$; grau 2

2.16. $-2x^2y^2 + 3xy + y^2 + 2x$; grau 4

2.17. $-\frac{1}{6}ax^2 - y^2 + 7by$; grau 2

2.18. $-\frac{81}{2}x^2 - 15x - \frac{23}{10}$; grau 2

2.19. $\frac{11}{6}x^2y - 4xy$; grau 3

2.20. $\frac{1}{6}x^2y + \frac{1}{6}xy - \frac{1}{3}x^2$; grau 3

3.

2.1. $\frac{1}{2}x$

2.2. $-\frac{28}{3}x + \frac{13}{4}$

2.3. $-\frac{1}{2}x + \frac{20}{3}$

2.4. $\frac{33}{20}x - 12$

2.5. $\frac{17}{12}x - \frac{3}{2}$

4. $\frac{1}{2}x^2 + \frac{1}{2}x - \frac{8}{3}$

5.

5.1. $x^3 - \frac{7}{2}x^2 + 2x + \frac{3}{2}$

5.2. $\frac{1}{2}x^3 - \frac{5}{2}x^2 + 4x$

5.3. $-\frac{2}{3}x^3 + \frac{5}{2}x^2 - 2x - \frac{5}{6}$

6.

6.1. $-4x-2$

6.2. $\frac{5}{8}x^2-\frac{1}{2}x$

6.3. $15x^2-6x$

6.4. $-\frac{23}{4}x+\frac{5}{4}$

6.5. $-\frac{13}{6}x-\frac{79}{12}$

6.6. $\frac{1}{3}x+\frac{7}{12}$

6.7. $\frac{13}{2}x-3-\frac{\sqrt{3}}{2}$

6.8. $-\frac{1}{3}x+3y+\frac{9}{2}$

6.9. $\frac{1}{6}x+\frac{1}{6}y+\frac{11}{6}$

6.10. $-4x+\frac{61}{30}$

6.11. $\frac{19}{6}x-\frac{1}{6}y$