3)
$$(2-3\pi)(1+\pi) \geq 0$$

Étude de signe:

$$\begin{array}{cccc} (+) & 2-3 \times > 0 \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ &$$

Tableau de signe:

$$S = \begin{bmatrix} -1; \frac{2}{3} \end{bmatrix}$$

4)
$$(1+2x)(3-2x)(1-4x) \neq 0$$

Etude de sique:

1+2x = 0 | 3-2x > 0 | 45 | 1-4x > 6 | + 1-2x = 0.5 | 1-4x > 6 | + 1-2x = 0.5 | 1-4x > 6 | + 1-2x = 0.5 | 1-2x > -3 | 1-4x > 6 | + 1-2x = 0.5 | 1-4x > -1 | 1-2x = 0.5 | 1-4x > -1 | 1-4x > 6 | + 1-2x = 0.5 | 1-4x > -1 | 1-4x > 6 | + 1-2x = 0.5 | 1-4x > -1 | 1-4x > 6 | + 1-2x = 0.5 | 1-4x | 1-

$$S =]-\infty; -\frac{1}{2}[U]\frac{1}{4}; \frac{3}{4}[$$

Pr

Tableau de signe:

*	- 🔊	- 2	- 1	6	+ 🖈
3			+		
*		•		ф	+
X15		φ	_	+	
x+1			ф	+	,
Pr	_	. •	+ 0	- •	+