X-1

\_\_\_\_ >/ -1

2-2x

x-1

\_\_\_\_ +1>/0

2-2x

Etude de signe

x-1+2-2x

\_\_\_\_\_\_\_ >/0

2-2x

-x+1

\_\_\_\_ >/0

2-2x

-x+1

\_\_\_\_ >/0

2(1-x)

~~(1-x)~~\*1

\_\_\_\_\_\_ >/0

~~(1-x)~~\*2

1

\_\_ >/0 et x≠1

2

S=]-∞ ;+∞[\{1}

Résoudre

3

\_\_\_\_ >-3

8x+4

3

\_\_\_\_\_ +3 >0

8x+4

3 3(8x+4)

\_\_\_\_ + \_\_\_\_\_\_\_ >0

8x+4 1(8x+4)

3 24x+12

\_\_\_\_\_+\_\_\_\_\_\_\_ >0

8x+4 8x+4

24x+15 1

\_\_\_\_\_\_ >0 et x≠ - \_\_

8x+4 2

3(8x+5) 1

\_\_\_\_\_\_\_ >0 et x≠ - \_\_

8x+4 2

8x+5 1

\_\_\_\_>0 et x≠ - \_\_

8x4 2

|  |  |  |  |
| --- | --- | --- | --- |
| x | -∞ | 5  - \_  8 | -1 -4  \_ = \_  2 8 |
| 8x+5 | ------- | + | + |
| 8x+4 | + | ------- | + |
| 8x+5  \_\_\_\_  8x+4 | + | ------- | + |

-5 -1

S=]-∞ ;\_\_ [U] \_\_ ;+ ∞[

8 2

8x+4=0

8x=-4

-4 : 4

x=\_\_\_\_\_

8 :4

-1

x=\_\_

2