



## Exercícios: Intervalos reais

Determine os seguintes conjuntos:

1.  $[2, 0] \cap [1, 3] =$

2.  $[2, 0] \cap ]1, 3[ =$

3.  $] -1, \frac{2}{5}[ \cap ] 0, \frac{4}{3}[ =$

4.  $] -\infty, 2] \cap [0, +\infty[ =$

5.  $[-1, +\infty[ \cap \left[-\frac{9}{2}, 2\right[ =$

6.  $[1, 2] \cap [0, 3] \cap [-1, 4] =$

7.  $[-1, 3] \cup [0, 4] =$

8.  $] -2, 1] \cup ] 0, 5[ =$

9.  $[-1, 3] \cup [3, 5] =$

10.  $\left[-\frac{1}{2}, 0\right[ \cup \left]-\frac{3}{2}, -\frac{1}{4}\right[ =$

GABARITO:

1.  $[1, 2]$   
2.  $]1, 2[$

3.  $]0, \frac{2}{5}[$   
4.  $[0, 2]$   
5.  $[-1, 2[$   
6.  $[1, 2]$

7.  $[-1, 4]$   
8.  $] -2, 5[$   
9.  $[-1, 5]$   
10.  $\left]-\frac{3}{2}, 0\right[$