

**Corrigé de l'exercice 1**

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| <p>►1. a) Pour <math>x \in [-9; 4]</math>, <math>f(x) \leq 3</math><br/> b) Pour <math>x \in [-9; 4]</math>, <math>f(x) \geq -6</math></p> <p>►2. a) Sur <math>[-9; 4]</math>, <math>-6 \leq f(x) \leq 3</math>.<br/> b) Sur <math>[-0,7; 1,4]</math>, <math>-1 \leq f(x) \leq 1</math>.</p> |  | <p>c) Pour <math>x \in [-0,5; 1,4]</math>, <math>f(x) \geq -1</math></p> |
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**Corrigé de l'exercice 2**

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| <p>►1. a) Pour <math>x \in [-9; 8]</math>, <math>f(x) \geq -9</math><br/> b) Pour <math>x \in [-9; 8]</math>, <math>f(x) \leq 8</math></p> <p>►2. a) Sur <math>[-9; 8]</math>, <math>-9 \leq f(x) \leq 8</math>.<br/> b) Sur <math>[4,6; 7,9]</math>, <math>-4 \leq f(x) \leq 1</math>.</p> |  | <p>c) Pour <math>x \in [6,1; 7,3]</math>, <math>f(x) \geq 0</math></p> |
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**Corrigé de l'exercice 3**

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| <p>►1. a) Pour <math>x \in [-5; 9]</math>, <math>f(x) \leq 9</math><br/> b) Pour <math>x \in [-5; 9]</math>, <math>f(x) \geq -5</math></p> <p>►2. a) Sur <math>[-5; 9]</math>, <math>-5 \leq f(x) \leq 9</math>.<br/> b) Sur <math>[6,6; 7,8]</math>, <math>0 \leq f(x) \leq 3</math>.</p> |  | <p>c) Pour <math>x \in [6,2; 7,8]</math>, <math>f(x) \geq 0</math></p> |
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**Corrigé de l'exercice 4**

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| <p>►1. a) Pour <math>x \in [-7; 9]</math>, <math>f(x) \leq 7</math><br/> b) Pour <math>x \in [-7; 9]</math>, <math>f(x) \geq -6</math></p> <p>►2. a) Sur <math>[-7; 9]</math>, <math>-6 \leq f(x) \leq 7</math>.<br/> b) Sur <math>[6,7; 8,9]</math>, <math>0 \leq f(x) \leq 3</math>.</p> |  | <p>c) Pour <math>x \in [5,8; 6,7]</math>, <math>f(x) \geq 0</math></p> |
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**Corrigé de l'exercice 5**

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| <p>►1. a) Pour <math>x \in [-7; 8]</math>, <math>f(x) \leq 6</math><br/> b) Pour <math>x \in [-7; 8]</math>, <math>f(x) \geq -7</math></p> <p>►2. a) Sur <math>[-7; 8]</math>, <math>-7 \leq f(x) \leq 6</math>.<br/> b) Sur <math>[-5,2; -2,8]</math>, <math>-6 \leq f(x) \leq 0</math>.</p> |  | <p>c) Pour <math>x \in [-5,1; -3,4]</math>, <math>f(x) \geq -6</math></p> |
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**Corrigé de l'exercice 6**

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| <p>►1. a) Pour <math>x \in [-6; 7]</math>, <math>f(x) \geq -5</math><br/> b) Pour <math>x \in [-6; 7]</math>, <math>f(x) \leq 7</math></p> <p>►2. a) Sur <math>[-6; 7]</math>, <math>-5 \leq f(x) \leq 7</math>.<br/> b) Sur <math>[-5,2; -4,2]</math>, <math>2 \leq f(x) \leq 2</math>.</p> |  | <p>c) Pour <math>x \in [-5,8; -4,3]</math>, <math>f(x) \leq 2</math></p> |
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