

## Le bon entier !

1. En utilisant les entiers de 1 à 6, une fois chacun au maximum, complète les cases afin d'obtenir un nombre décimal le plus grand possible qui a pour arrondi 5 au dixième près.

|  |  |
|--|--|
| <p>Tentative 1 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>4</span>, <span>5</span> <span>6</span> <span>7</span> <span>8</span> <span>9</span> <math>\approx 5</math> </div>  | <p>Tentative 2 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>5</span>, <span>4</span> <span>6</span> <span>3</span> <span>2</span> <span>1</span> <math>\approx 5</math> </div>  |
| <p>Tentative 3 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span>, <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> </div> | <p>Tentative 4 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span>, <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> </div> |

2. En utilisant les entiers de 1 à 6, une fois chacun au maximum, complète les cases afin d'obtenir un nombre décimal le plus petit possible qui a pour arrondi 5 au dixième près.

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|--|--|
| <p>Tentative 1 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>5</span>, <span>1</span> <span>2</span> <span>3</span> <span>4</span> <span>6</span> <math>\approx 5</math> </div>  | <p>Tentative 2 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>4</span>, <span>5</span> <span>1</span> <span>2</span> <span>3</span> <span>6</span> <math>\approx 5</math> </div>  |
| <p>Tentative 3 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span>, <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> </div> | <p>Tentative 4 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span>, <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> </div> |

3. En utilisant les entiers de 0 à 9, une fois chacun au maximum, complète les cases afin d'obtenir deux nombres décimaux différents qui ont le même arrondi au dixième près.

|  |  |  |
|--|--|--|
| <p>Tentative 1 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>3</span>, <span>6</span> <span>5</span> <span>9</span> <math>\approx 4</math><br/> <span>4</span>, <span>1</span> <span>8</span> <span>2</span> <math>\approx 4,1</math> </div> | <p>Tentative 2 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>5</span>, <span>8</span> <span>9</span> <span>1</span> <math>\approx 5,8</math><br/> <span>6</span>, <span>2</span> <span>6</span> <span>7</span> <math>\approx 6,3</math> </div> | <p>Tentative 3 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>5</span>, <span>8</span> <span>9</span> <span>1</span> <math>\approx 6</math><br/> <span>6</span>, <span>2</span> <span>7</span> <span>3</span> <math>\approx 6</math> </div> |
| <p>Tentative 4 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>1</span>, <span>5</span> <span>4</span> <span>8</span> <math>\approx 2</math><br/> <span>2</span>, <span>3</span> <span>6</span> <span>9</span> <math>\approx 2,3</math> </div> | <p>Tentative 5 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>8</span>, <span>1</span> <span>2</span> <span>3</span> <math>\approx 9,1</math><br/> <span>8</span>, <span>5</span> <span>6</span> <span>7</span> <math>\approx 8,6</math> </div> | <p>Tentative 6 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>4</span>, <span>6</span> <span>2</span> <span>9</span> <math>\approx 5</math><br/> <span>5</span>, <span>3</span> <span>1</span> <span>8</span> <math>\approx 5</math> </div> |

3. En utilisant les entiers de 0 à 9, une fois chacun au maximum, complète les cases afin d'obtenir deux nombres décimaux différents, les plus petits possibles et qui ont le même arrondi à 0,1 près.

|  |  |  |
|--|--|--|
| <p>Tentative 1 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>0</span>, <span>9</span> <span>6</span> <span>4</span> <math>\approx 1</math><br/> <span>1</span>, <span>2</span> <span>8</span> <span>7</span> <math>\approx 1,2</math> </div> | <p>Tentative 2 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>1</span>, <span>9</span> <span>4</span> <span>5</span> <math>\approx 2</math><br/> <span>2</span>, <span>0</span> <span>1</span> <span>8</span> <math>\approx 2</math> </div>   | <p>Tentative 3 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>1</span>, <span>4</span> <span>1</span> <span>7</span> <math>\approx 1</math><br/> <span>3</span>, <span>2</span> <span>8</span> <span>6</span> <math>\approx 3</math> </div>   |
| <p>Tentative 4 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span>1</span>, <span>9</span> <span>8</span> <span>7</span><br/> <span>2</span>, <span>0</span> <span>3</span> <span>4</span> </div>   | <p>Tentative 5 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span>, <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span><br/> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span>, <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> </div> | <p>Tentative 6 :</p> <div style="border: 1px dashed black; padding: 5px; display: flex; justify-content: space-around;"> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span>, <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span><br/> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span>, <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> <span style="border: 1px dashed black; width: 20px; height: 20px;"></span> </div> |



## Le bon entier !

1. En utilisant les entiers de 0 à 5, une fois chacun au maximum, complète les cases puis place les fractions sur l'axe gradué.

**Tentative 1 :**

|  |  |  |  |  |
|--|--|--|--|--|
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">2</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> |
| $\frac{0}{2}$  | $\frac{1}{3}$  | $\frac{2}{4}$  | $\frac{3}{6}$  | $\frac{4}{8}$  |

**Tentative 2 :**

|  |  |  |  |  |
|--|--|--|--|--|
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> |
| $\frac{3}{2}$  | $\frac{4}{3}$  | $\frac{5}{4}$  | $\frac{0}{6}$  | $\frac{1}{8}$  |

**Tentative 3 :**

|  |  |  |  |  |
|--|--|--|--|--|
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">2</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">4</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div> |
| $\frac{1}{2}$  | $\frac{2}{3}$  | $\frac{3}{4}$  | $\frac{4}{6}$  | $\frac{5}{8}$  |

2. En utilisant les entiers de 0 à 9, une fois chacun au maximum, complète les cases puis place les fractions sur un axe gradué.

**Tentative 1 :**

|  |  |  |  |  |
|--|--|--|--|--|
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">7</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div> |
| $\frac{1}{2}$  | $\frac{7}{9}$  | $\frac{0}{4}$  | $\frac{3}{6}$  | $\frac{5}{8}$  |

**Tentative 2 :**

|  |  |  |  |  |
|--|--|--|--|--|
| <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">6</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;">7</div> |
| $\frac{1}{2}$  | $\frac{3}{4}$  | $\frac{6}{9}$  | $\frac{5}{8}$  | $\frac{7}{0}$  |

**Tentative 3 :**

|  |  |  |  |  |
|--|--|--|--|--|
| <div style="border: 1px solid black; padding: 2px; display: inline-block;"> </div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;"> </div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;"> </div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;"> </div> | <div style="border: 1px solid black; padding: 2px; display: inline-block;"> </div> |
| $\frac{\quad}{\quad}$  | $\frac{\quad}{\quad}$  | $\frac{\quad}{\quad}$  | $\frac{\quad}{\quad}$  | $\frac{\quad}{\quad}$  |

## Le bon entier !

1. En utilisant les entiers de 1 à 9, une fois chacun au maximum, complète les cases afin de vérifier l'ordre.

| $0, \square\square < \frac{\square}{10} < 0,65 < \frac{\square\square}{100} < 0, \square$   |  |
|---|--|
| <div style="display: flex; justify-content: space-between;"> <div style="width: 90%;"> <p>0,12 &lt; <math>\frac{3}{10}</math> &lt; 0,65 &lt; <math>\frac{74}{100}</math> &lt; 0,8</p> <p>0,13 &lt; <math>\frac{4}{10}</math> &lt; 0,65 &lt; <math>\frac{85}{100}</math> &lt; 0,9</p> <p>0,23 &lt; <math>\frac{4}{10}</math> &lt; 0,65 &lt; <math>\frac{85}{100}</math> &lt; 0,9</p> <p>0,33 &lt; <math>\frac{4}{10}</math> &lt; 0,65 &lt; <math>\frac{67}{100}</math> &lt; 0,8</p> <p>0,25 &lt; <math>\frac{3}{10}</math> &lt; 0,65 &lt; <math>\frac{67}{100}</math> &lt; 0,9</p> <p>0,15 &lt; <math>\frac{2}{10}</math> &lt; 0,65 &lt; <math>\frac{67}{100}</math> &lt; 0,7</p> <p>0,15 &lt; <math>\frac{2}{10}</math> &lt; 0,65 &lt; <math>\frac{68}{100}</math> &lt; 0,7</p> </div> <div style="width: 10%; text-align: center; font-size: small;">Cadre de recherche</div> </div> | <div style="display: flex; justify-content: space-between;"> <div style="width: 90%;"> <p>0,12 &lt; <math>\frac{3}{10}</math> &lt; 0,65 &lt; <math>\frac{74}{100}</math> &lt; 0,8</p> <p>0,13 &lt; <math>\frac{4}{10}</math> &lt; 0,65 &lt; <math>\frac{85}{100}</math> &lt; 0,9</p> <p>0,23 &lt; <math>\frac{4}{10}</math> &lt; 0,65 &lt; <math>\frac{85}{100}</math> &lt; 0,9</p> <p>0,33 &lt; <math>\frac{4}{10}</math> &lt; 0,65 &lt; <math>\frac{67}{100}</math> &lt; 0,8</p> <p>0,25 &lt; <math>\frac{3}{10}</math> &lt; 0,65 &lt; <math>\frac{67}{100}</math> &lt; 0,9</p> <p>0,15 &lt; <math>\frac{2}{10}</math> &lt; 0,65 &lt; <math>\frac{67}{100}</math> &lt; 0,7</p> <p>0,15 &lt; <math>\frac{2}{10}</math> &lt; 0,65 &lt; <math>\frac{68}{100}</math> &lt; 0,7</p> </div> <div style="width: 10%; text-align: center; font-size: small;">Cadre de réponse(s)</div> </div> |

2. En utilisant les entiers de 1 à 9, une fois chacun au maximum, complète les cases afin de vérifier l'ordre.

| $0, \square < \frac{\square}{10} + \frac{\square\square}{100} < 0, \square\square < 0,75$   |  |
|---|--|
| <div style="display: flex; justify-content: space-between;"> <div style="width: 90%;"> <p>0,1 &lt; <math>\frac{2}{10} + \frac{34}{100}</math> &lt; 0,58 &lt; 0,75</p> <p>0,2 &lt; <math>\frac{1}{10} + \frac{43}{100}</math> &lt; 0,53 &lt; 0,75</p> <p>0,3 &lt; <math>\frac{1}{10} + \frac{42}{100}</math> &lt; 0,52 &lt; 0,75</p> </div> <div style="width: 10%; text-align: center; font-size: small;">Cadre de recherche</div> </div> | <div style="display: flex; justify-content: space-between;"> <div style="width: 90%;"> <p>0,1 &lt; <math>\frac{2}{10} + \frac{34}{100}</math> &lt; 0,58 &lt; 0,75</p> <p>0,2 &lt; <math>\frac{1}{10} + \frac{43}{100}</math> &lt; 0,53 &lt; 0,75</p> <p>0,3 &lt; <math>\frac{1}{10} + \frac{42}{100}</math> &lt; 0,52 &lt; 0,75</p> </div> <div style="width: 10%; text-align: center; font-size: small;">Cadre de réponse(s)</div> </div> |



X 13/05

X 16/05

X 16/05

## Critères d'évaluation de la compétence Chercher :

