

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} au dixième près.

<p>Tentative 1 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">3</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">4</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">2</div> $\simeq 5,1$	<p>Tentative 2 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">4</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">6</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">3</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">2</div> $\simeq 5,1$
<p>Tentative 3 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">2</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">3</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">4</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">6</div>	<p>Tentative 4 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">4</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">6</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">3</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</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} au dixième près.

<p>Tentative 1 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">4</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">2</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">3</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">6</div> $\simeq 5$ ✓	<p>Tentative 2 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div>
<p>Tentative 3 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div>	<p>Tentative 4 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></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} au dixième près.

<p>Tentative 1 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">4</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">9</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">7</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> $\simeq 5$ ✓ <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">2</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">3</div> $\simeq 5$	<p>Tentative 2 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">7</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">6</div> $\simeq 7,2$ <div style="border: 1px dashed black; padding: 2px; display: inline-block;">8</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">3</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">2</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">7</div> $\simeq 8,3$	<p>Tentative 3 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">0</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">9</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">8</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">7</div> $\simeq 0$ <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">3</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">4</div> $\simeq 1,7$
<p>Tentative 4 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">9</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">7</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">8</div> $\simeq 2$ ✓ <div style="border: 1px dashed black; padding: 2px; display: inline-block;">2</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">4</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> $\simeq 2$ ✓	<p>Tentative 5 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">8</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">9</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">8</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">0</div> $\simeq 8$ ✓ <div style="border: 1px dashed black; padding: 2px; display: inline-block;">8</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">2</div> $\simeq 8$	<p>Tentative 6 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">9</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">8</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">7</div> $\simeq 6$ ✓ <div style="border: 1px dashed black; padding: 2px; display: inline-block;">6</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">6</div> $\simeq 6$ ✓

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: 2px; display: inline-block;">1</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">9</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">3</div> $\simeq 2$ ✓ <div style="border: 1px dashed black; padding: 2px; display: inline-block;">2</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">4</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">6</div> $\simeq 2$	<p>Tentative 2 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">1</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">9</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">6</div> $\simeq 2$ ✓ <div style="border: 1px dashed black; padding: 2px; display: inline-block;">2</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">3</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">4</div> $\simeq 2$	<p>Tentative 3 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">7</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">9</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">5</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">6</div> $\simeq 2$ ✓ <div style="border: 1px dashed black; padding: 2px; display: inline-block;">2</div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block;">0</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">3</div> <div style="border: 1px dashed black; padding: 2px; display: inline-block;">4</div> $\simeq 2$
<p>Tentative 4 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div>	<p>Tentative 5 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div>	<p>Tentative 6 :</p> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> , <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></div> <div style="border: 1px dashed black; padding: 2px; display: inline-block; width: 20px; height: 20px;"></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 :	$\frac{1}{2}, \frac{0}{3}, \frac{2}{4}, \frac{3}{6}, \frac{4}{8}$	
Tentative 2 :	$\frac{1}{2}, \frac{3}{3}, \frac{4}{4}, \frac{5}{6}, \frac{2}{8}$	
Tentative 3 :	$\frac{2}{2}, \frac{0}{3}, \frac{1}{4}, \frac{3}{6}, \frac{4}{8}$	

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 :	$\frac{1}{0}, \frac{3}{2}, \frac{5}{4}, \frac{7}{6}, \frac{9}{8}$	
Tentative 2 :	$\frac{0}{1}, \frac{7}{2}, \frac{6}{3}, \frac{8}{4}, \frac{9}{5}$	
Tentative 3 :	$\frac{7}{1}, \frac{0}{3}, \frac{2}{4}, \frac{9}{6}, \frac{5}{8}$	

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.

$0, \boxed{1} \boxed{2} < \frac{\boxed{3}}{10} < 0,65 < \frac{\boxed{7} \boxed{4}}{100} < 0, \boxed{9}$	
<div style="text-align: right; font-size: small; margin-bottom: 5px;">Cadre de recherche</div> $0, \boxed{1} \boxed{3} < \frac{2}{10} < 0,65 < \frac{67}{100} < 0,8$ ✓ $0, \frac{21}{10} < \frac{3}{10} < 0,65 < \frac{68}{100} < 0,7$ ✓ $0, \frac{23}{10} < \frac{4}{10} < 0,65 < \frac{86}{100} < 0,9$ $0, \frac{34}{10} < \frac{5}{10} < 0,65 < \frac{72}{100} < 0,9$ $0, \frac{1}{10} < 0,65 < \frac{70}{100} < 0,$ $0, \frac{1}{10} < 0,65 < \frac{70}{100} < 0,$	<div style="text-align: right; font-size: small; margin-bottom: 5px;">Cadre de réponse(s)</div> $0,12 < \frac{3}{10} < 0,65 < \frac{77}{100} < 0,9$ $0,21 < \frac{3}{10} < 0,65 < \frac{68}{100} < 0,7$ $0,13 < \frac{2}{10} < 0,65 < \frac{67}{100} < 0,8$ $0,23 < \frac{4}{10} < 0,65 < \frac{86}{100} < 0,9$

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

$0, \boxed{1} < \frac{\boxed{2}}{10} + \frac{\boxed{3} \boxed{4}}{100} < 0, \boxed{5} \boxed{6} < 0,75$	
<div style="text-align: right; font-size: small; margin-bottom: 5px;">Cadre de recherche</div> $0,1 < \frac{3}{10} + \frac{24}{100} < 0,75$ <div style="text-align: center; margin-top: 10px;"> $\frac{615}{100}$ </div>	<div style="text-align: right; font-size: small; margin-bottom: 5px;">Cadre de réponse(s)</div>

X 13/09

X 15/09

X 15/09

Critères d'évaluation de la compétence Chercher :

Je suis ...	débutant		J'utilise des ressources disponibles (mes cahiers, mon manuel, ...)
			Je pose des questions
		X	Je suis les instructions
		X	Je m'engage dans une démarche
			Je fais des essais sans stratégie claire
	apprenti		Je fais des expériences (des manipulations, avec la calculatrice, ...)
			Je partage mes idées ou ma démarche avec d'autres camarades
		X	Je note et garde une trace de mes essais
			J'organise mes essais et mes réponses pour m'aider à réfléchir
		X	Je trouve une solution
	confirmé	X	J'essaie différentes approches pour voir ce qui fonctionne le mieux
			Je défends mes méthodes de recherche
		X	Je réfléchis sur mes processus de recherche
			J'ai une stratégie de résolution
		X	Je trouve d'autres solutions
	expert		J'explore plusieurs stratégies
			Je note et défends mes solutions
		X	J'identifie mes erreurs et ajuste mes stratégies
		X	Je cherche d'autres stratégies qui fonctionnent également
		X	Je me pose la question : « Combien y a-t-il de solutions possibles ? »