

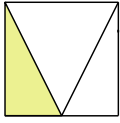
FRACTIONS : REPRÉSENTATION GÉOMÉTRIQUE

1 Trois élèves ont voulu colorier un tiers de la surface d'un carré. Les réponses sont-elles correctes ? Justifie.

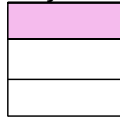
Hélène



Lucie



Jean



a. Hélène :

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b. Lucie :

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c. Jean :

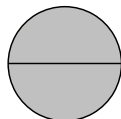
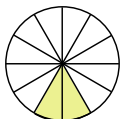
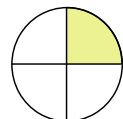
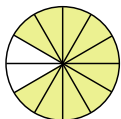
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2 Pour chaque figure, indique la fraction de la surface totale qui est colorée.



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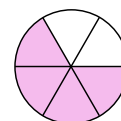
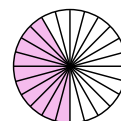
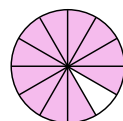
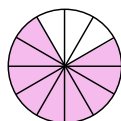


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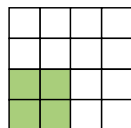
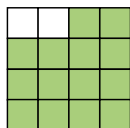
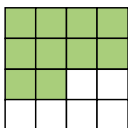


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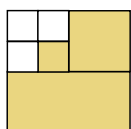
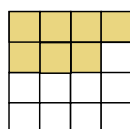
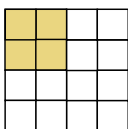
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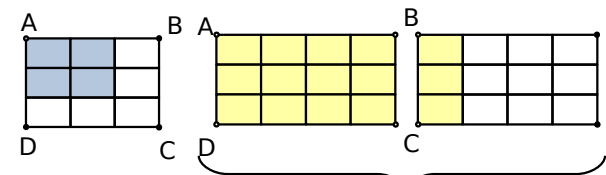
4 Trace ci-dessous un rectangle de 8 cm sur 3 cm.

a. Colorie un quart de ce rectangle en bleu.

b. Colorie 50 % de ce rectangle en vert.

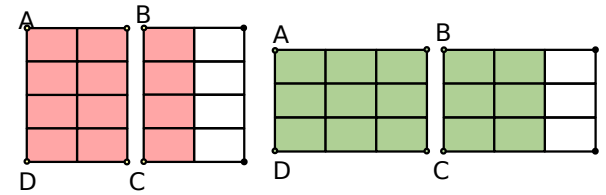
c. Colorie en rouge un tiers de la partie non colorée.

5 Dans chaque cas, exprime par une fraction la proportion de l'aire de la surface colorée par rapport à celle de la surface du rectangle ABCD (chaque petit rectangle d'une figure a la même aire).



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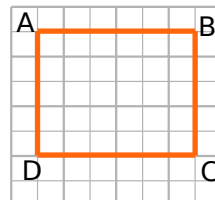
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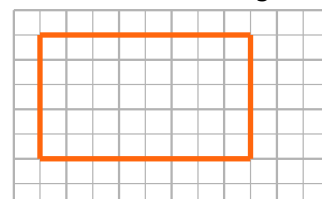
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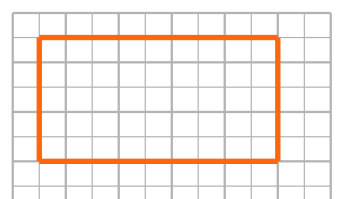
6 On considère le rectangle ABCD ci-dessous :



On décide que ce rectangle ABCD est l'unité d'aire. Quelle fraction du rectangle ABCD représente alors chacun des rectangles ci-dessous ?



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