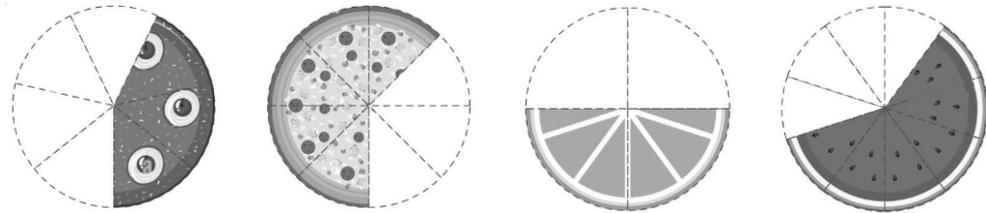


Les fractions

CM1

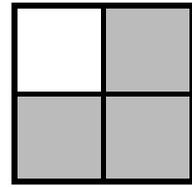
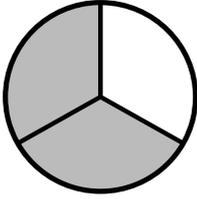
Fichier de



1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

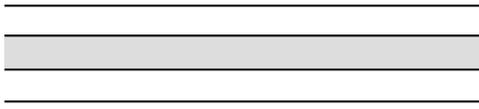
1 Pour chaque figure, indique la fraction grisée en chiffres puis en lettres.

○ ○ ○



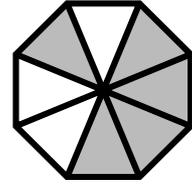
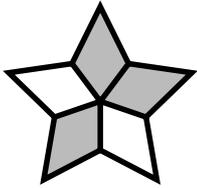
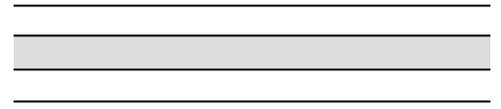
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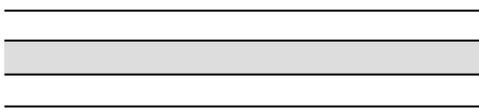
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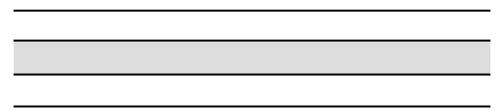
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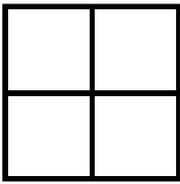
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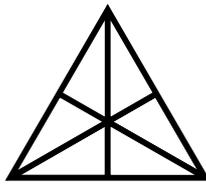
2 Colorie la partie correspondant à la fraction donnée.

○ ○ ○

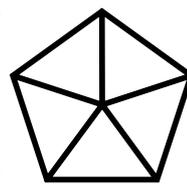
$\frac{2}{4}$



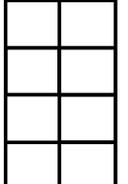
$\frac{3}{6}$



$\frac{1}{5}$

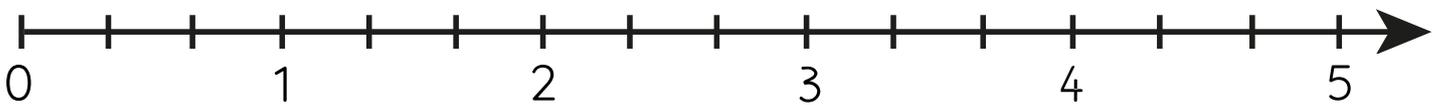


$\frac{7}{8}$



3 Ecris sous la forme d'une fraction la longueur de chaque segment.

○ ○ ○



$A = \frac{\dots}{\dots}$

$B = \frac{\dots}{\dots}$

$C = \frac{\dots}{\dots}$

4 Colorie puis décompose comme dans l'exemple.



$$\frac{9}{4} = \text{3 circles (each divided into 4 quadrants, 2 shaded)} + \text{1 circle (divided into 4 quadrants, 1 shaded)} = \frac{4}{4} + \frac{4}{4} + \frac{1}{4} = 2 + \frac{1}{4}$$

$$\frac{8}{3} = \text{3 triangles (each divided into 3 parts)} = \frac{\dots}{\dots} + \frac{\dots}{\dots} + \frac{\dots}{\dots} = \dots + \frac{\dots}{\dots}$$

$$\frac{7}{5} = \text{2 stars (each divided into 5 parts)} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \dots + \frac{\dots}{\dots}$$

$$\frac{15}{10} = \text{2 circles (each divided into 10 parts)} = \frac{\dots}{\dots} + \frac{\dots}{\dots} = \dots + \frac{\dots}{\dots}$$

5 Complète les égalités.



$$\frac{3}{10} + \frac{2}{10} = \frac{\dots}{\dots}$$

$$\frac{3}{15} + \frac{5}{15} = \frac{\dots}{\dots}$$

$$\frac{2}{4} + \frac{\dots}{\dots} = \frac{6}{4}$$

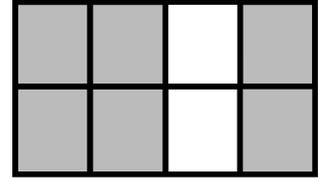
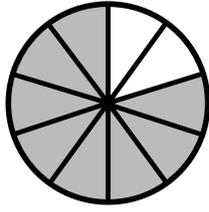
$$\frac{7}{5} + \frac{\dots}{\dots} = \frac{10}{5}$$

$$\frac{2}{4} + \frac{\dots}{\dots} = 1$$

$$\frac{1}{5} + \frac{\dots}{\dots} = 1$$

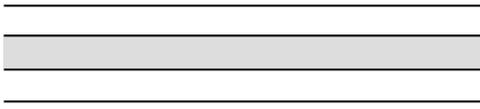
6 Pour chaque figure, indique la fraction grisée en chiffres puis en lettres.

○ ○ ○



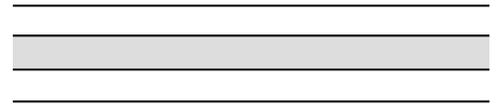
...

...



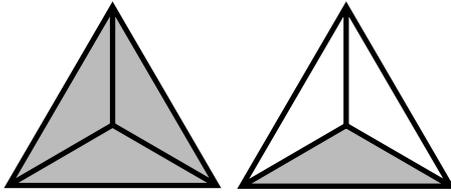
...

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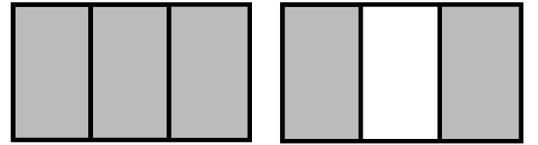
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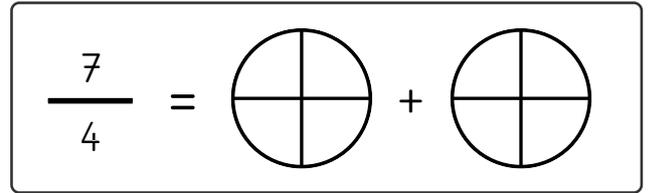
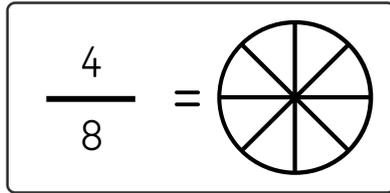
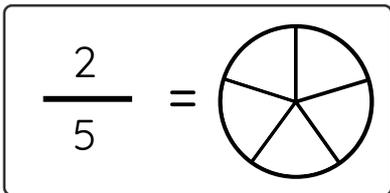
...

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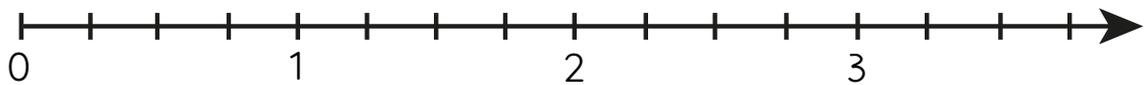
7 Colorie la partie correspondant à la fraction donnée.

○ ○ ○



8 Ecris sous la forme d'une fraction la longueur de chaque segment.

○ ○ ○



$A = \frac{\dots}{\dots}$

$B = \frac{\dots}{\dots}$

$C = \frac{\dots}{\dots}$

11 Colorie en bleu les fractions inférieures à 1 (plus petite que 1) et en jaune les fractions supérieures à 1 (plus grande que 1).



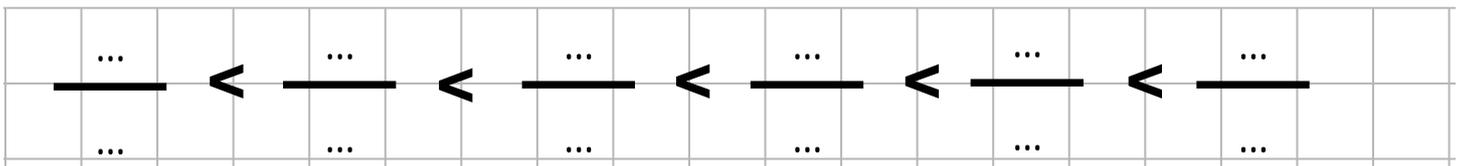
$$\frac{5}{5} \quad \frac{1}{3} \quad \frac{2}{2} \quad \frac{8}{4} \quad \frac{7}{10}$$

$$\frac{12}{10} \quad \frac{9}{12} \quad \frac{2}{5} \quad \frac{4}{3} \quad \frac{3}{4}$$

12 Range ces fractions dans l'ordre croissant.



$$\frac{5}{5} \quad \frac{1}{5} \quad \frac{2}{5} \quad \frac{8}{5} \quad \frac{10}{5} \quad \frac{7}{5}$$



13 Complète avec le signe qui convient : < > =



$$\frac{9}{10} \quad \bigcirc \quad \frac{5}{10}$$

$$\frac{4}{10} \quad \bigcirc \quad \frac{9}{10}$$

$$\frac{7}{8} \quad \bigcirc \quad \frac{3}{8}$$

$$\frac{1}{10} \quad \bigcirc \quad \frac{1}{2}$$

$$\frac{4}{4} \quad \bigcirc \quad \frac{4}{8}$$

$$\frac{7}{3} \quad \bigcirc \quad \frac{7}{20}$$

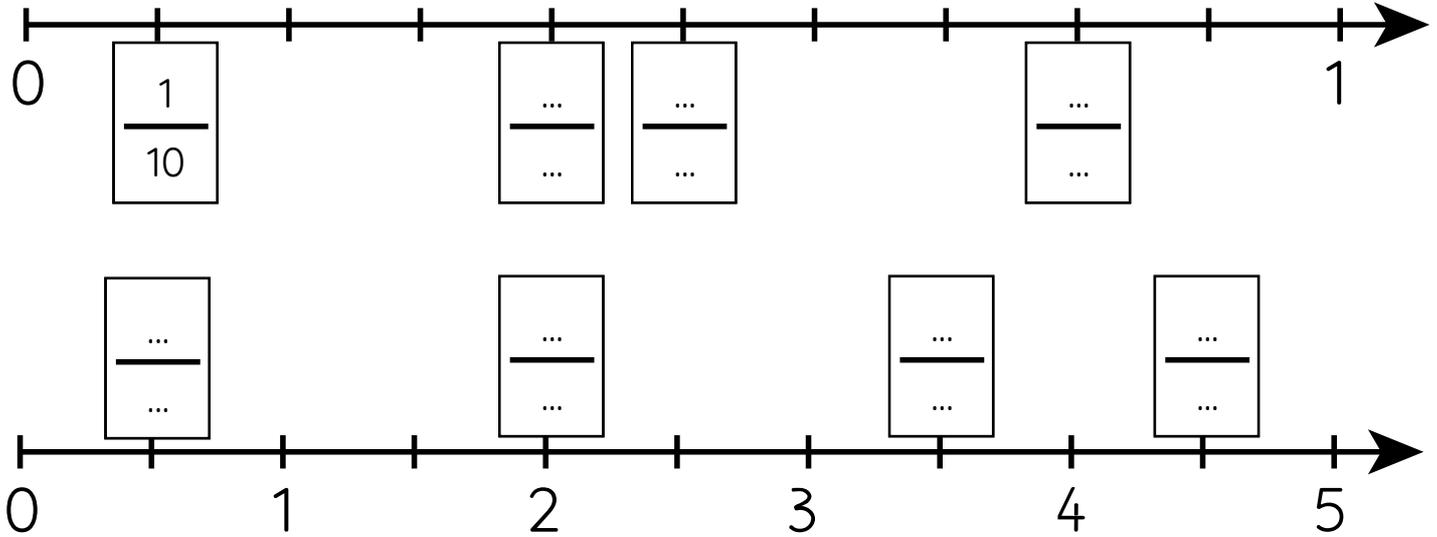
$$\frac{1}{10} \quad \bigcirc \quad 1$$

$$\frac{4}{4} \quad \bigcirc \quad 1$$

$$\frac{7}{3} \quad \bigcirc \quad 1$$

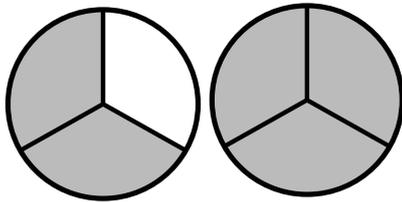
14 Ecris les fractions correspondantes à chaque cadre.

○ ○ ○

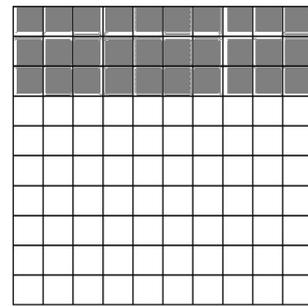


15 Pour chaque figure, indique la fraction grisée en chiffres puis en lettres.

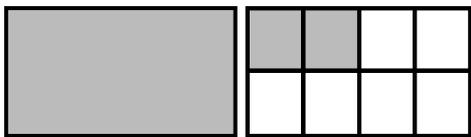
○ ○ ○



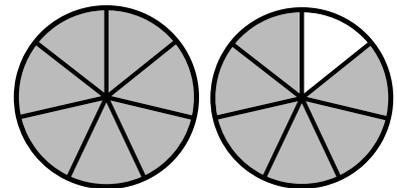
$\frac{\dots}{\dots}$



$\frac{\dots}{\dots}$



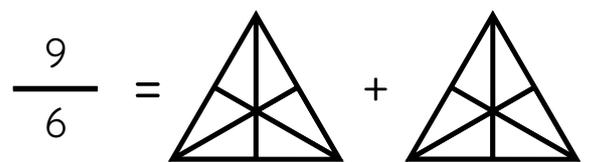
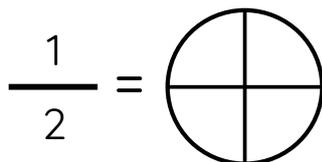
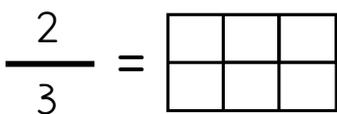
$\frac{\dots}{\dots}$



$\frac{\dots}{\dots}$

16 Colorie la partie correspondant à la fraction donnée.

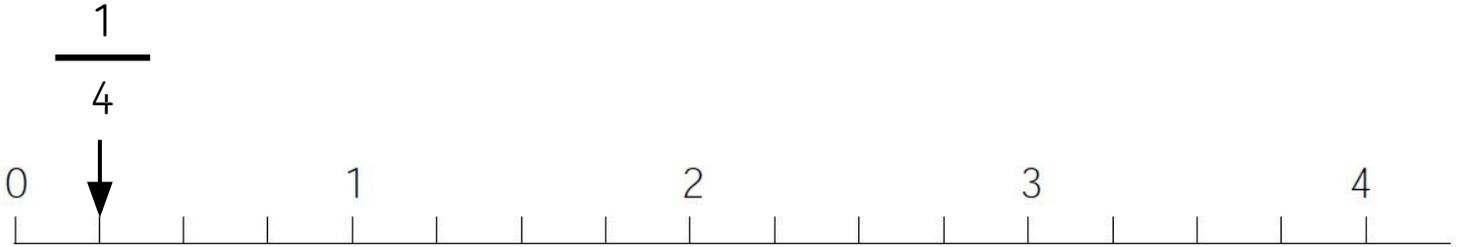
○ ○ ○



17 Place les fractions sur la bande graduée.

○ ○ ○

$\frac{5}{4}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{9}{4}$	$\frac{14}{4}$	$\frac{2}{2}$
---------------	---------------	---------------	---------------	----------------	---------------



18 Colorie en bleu les fractions inférieures à 1 (plus petite que 1) et en jaune les fractions supérieures à 1 (plus grande que 1).

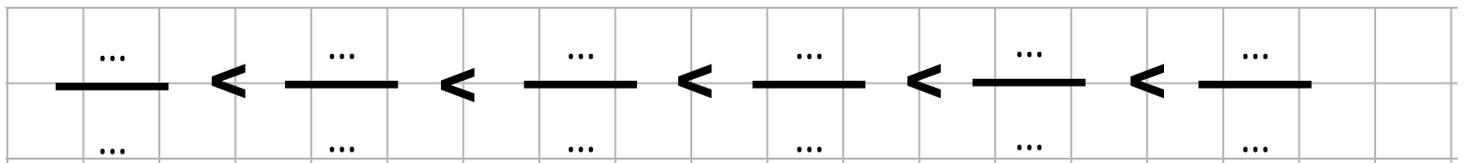
○ ○ ○

$\frac{10}{10}$	$\frac{6}{4}$	$\frac{8}{3}$	$\frac{4}{5}$	$\frac{7}{8}$
$\frac{87}{100}$	$\frac{9}{10}$	$\frac{200}{100}$	$\frac{6}{6}$	$\frac{2}{3}$

19 Range ces fractions dans l'ordre croissant.

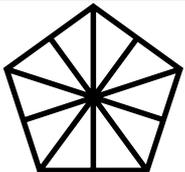
○ ○ ○

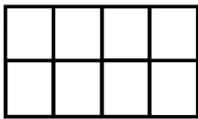
$\frac{12}{10}$	$\frac{3}{10}$	$\frac{21}{10}$	$\frac{8}{10}$	$\frac{10}{10}$	$\frac{7}{10}$
-----------------	----------------	-----------------	----------------	-----------------	----------------

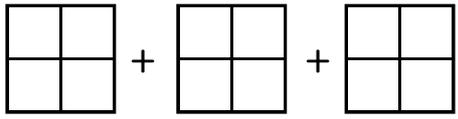


20 Colorie la partie correspondant à la fraction donnée.

○ ○ ○

$\frac{1}{2} =$ 

$\frac{1}{2} =$ 

$\frac{5}{2} =$ 

21 Décompose comme dans l'exemple.



$$\frac{12}{5} = \frac{5}{5} + \frac{5}{5} + \frac{2}{5} = 2 + \frac{2}{5}$$

$$\frac{14}{6} =$$

$$\frac{10}{3} =$$

$$\frac{8}{4} =$$

22 Complète avec le signe qui convient : < > =



$$\frac{4}{8} \bigcirc \frac{9}{8}$$

$$\frac{3}{4} \bigcirc \frac{5}{4}$$

$$\frac{15}{10} \bigcirc \frac{9}{10}$$

$$\frac{5}{4} \bigcirc \frac{5}{8}$$

$$\frac{2}{5} \bigcirc \frac{2}{12}$$

$$\frac{8}{9} \bigcirc \frac{8}{10}$$

$$\frac{4}{2} \bigcirc 1$$

$$\frac{6}{10} \bigcirc 1$$

$$\frac{7}{7} \bigcirc 1$$

23 Partage en parts égales puis colorie.



$$\frac{1}{3} = \square$$

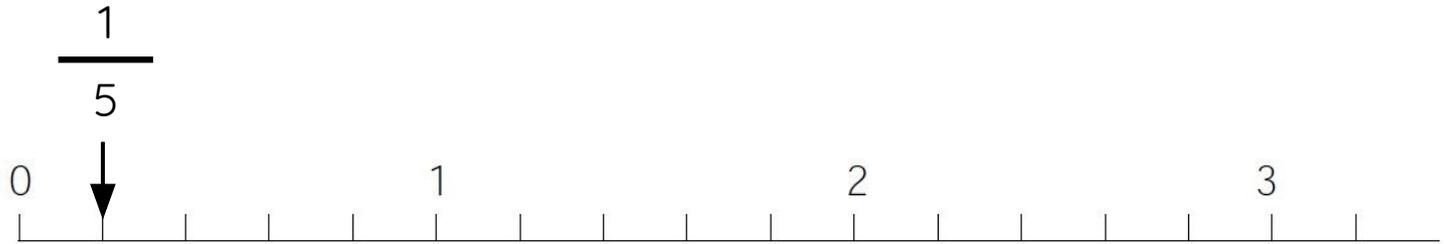
$$\frac{3}{8} = \bigcirc$$

$$\frac{7}{4} = \square + \square$$

24 Place les fractions sur la bande graduée.



$\frac{7}{5}$	$\frac{4}{5}$	$\frac{10}{5}$	$\frac{16}{5}$	$\frac{6}{10}$	$\frac{3}{3}$
---------------	---------------	----------------	----------------	----------------	---------------



25 Complète les égalités.



$$\frac{5}{8} + \frac{3}{8} = \frac{\dots}{\dots}$$

$$\frac{8}{12} + \frac{3}{12} = \frac{\dots}{\dots}$$

$$\frac{7}{10} + \frac{\dots}{\dots} = \frac{11}{10}$$

$$\frac{6}{4} + \frac{\dots}{\dots} = 3$$

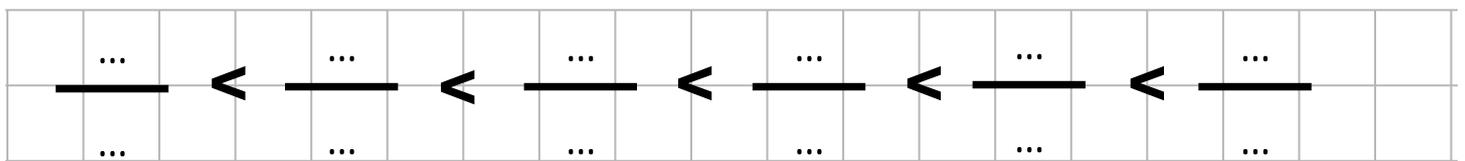
$$\frac{1}{6} + \frac{\dots}{\dots} = 1$$

$$\frac{1}{12} + \frac{\dots}{\dots} = 1$$

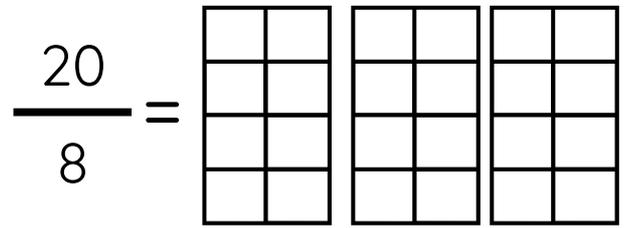
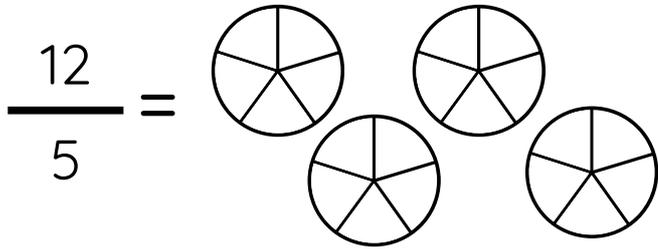
26 Range ces fractions dans l'ordre croissant.



$$\frac{14}{7} \quad \frac{22}{7} \quad \frac{3}{7} \quad \frac{42}{7} \quad \frac{9}{7} \quad \frac{7}{7}$$



27 Colorie la partie correspondant à la fraction donnée.



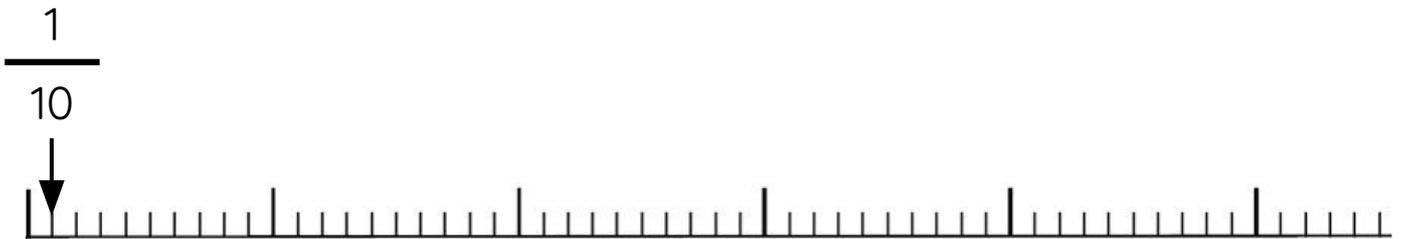
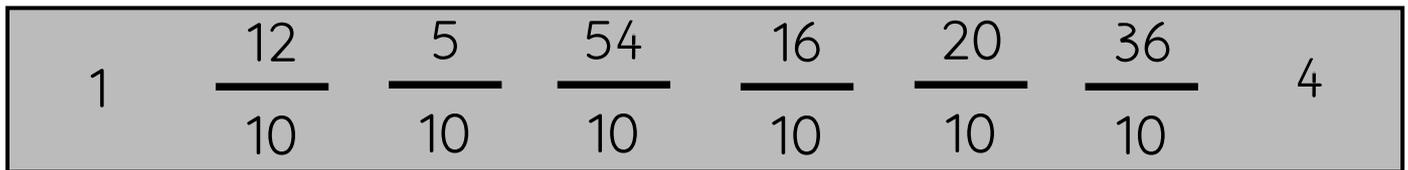
28 Dessine la fraction donnée.



$\frac{11}{4} =$

$\frac{7}{3} =$

29 Place les fractions sur la bande graduée.



30 Décompose comme dans l'exercice 21.



$\frac{27}{10} =$

$\frac{324}{100} =$

$\frac{21}{7} =$

