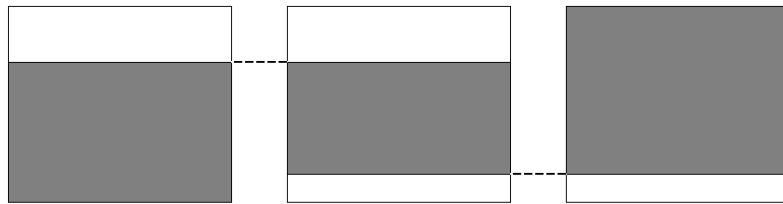


a)

The diagram shows three congruent rectangles A, B and C.



Rectangle A

Rectangle B

Rectangle C

$\frac{5}{8}$ of rectangle A is shaded.

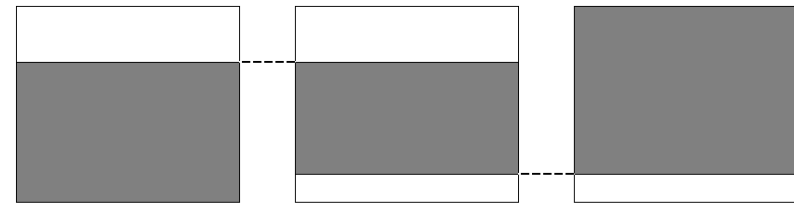
$\frac{9}{11}$ of rectangle C is shaded.

Work out the fraction of rectangle B that is shaded.

How much of rectangle A is unshaded?	$1 - \frac{5}{8} = \frac{3}{8}$
How much of rectangle C is unshaded?	$1 - \frac{9}{11} = \frac{2}{11}$
How much of rectangle B is unshaded?	$\frac{3}{8} + \frac{2}{11}$ $\frac{33}{88} + \frac{16}{88} = \frac{49}{88}$
How much of rectangle B is shaded?	$1 - \frac{49}{88} = \frac{39}{88}$

b)

The diagram shows three congruent rectangles A, B and C.



Rectangle A

Rectangle B

Rectangle C

$\frac{3}{4}$ of rectangle A is shaded.

$\frac{7}{10}$ of rectangle C is shaded.

Work out the fraction of rectangle B that is shaded.

How much of rectangle A is unshaded?	$1 - \frac{3}{4} = \frac{1}{4}$
How much of rectangle C is unshaded?	$1 - \frac{7}{10} = \frac{3}{10}$
How much of rectangle B is unshaded?	$\frac{1}{4} + \frac{3}{10}$
How much of rectangle B is shaded?	

c)

The diagram shows three congruent rectangles A, B and C.



Rectangle A

Rectangle B

Rectangle C

$\frac{5}{6}$ of rectangle A is shaded.

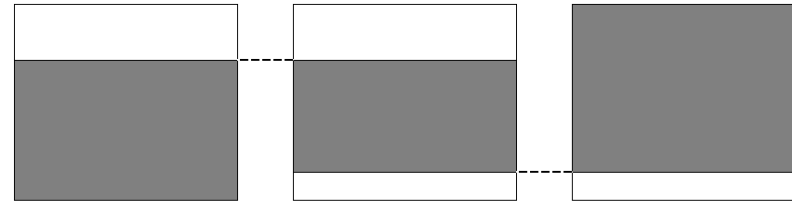
$\frac{7}{9}$ of rectangle C is shaded.

Work out the fraction of rectangle B that is shaded.

How much of rectangle A is unshaded?	$1 - \frac{5}{6} = \frac{1}{6}$
How much of rectangle C is unshaded?	$1 - \frac{7}{9} = \frac{2}{9}$
How much of rectangle B is unshaded?	
How much of rectangle B is shaded?	

d)

The diagram shows three congruent rectangles A, B and C.



Rectangle A

Rectangle B

Rectangle C

$\frac{11}{15}$ of rectangle A is shaded.

$\frac{4}{5}$ of rectangle C is shaded.

Work out the fraction of rectangle B that is shaded.