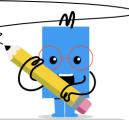# mobius

Area of a Part Rectangle - Part Area and Fraction to Full Area

1

The area of the 1/2 that is filled in is 16. What is the area of the full rectangle?

$A_{\text{part}} = 16$
$\text{fill} = \dfrac{1}{2}$

A		B	
	2		35
C		D	
	14		32
E		F	
	50		29

2

The area of the 3/4 that is filled in is 81. What is the area of the full rectangle?

$A_{\text{part}} = 81$
$\text{fill} = \dfrac{3}{4}$

A		B	
	78		108
C		D	
	48		148
E		F	
	128		198

3

The area of the 1/2 that is filled in is 4. What is the area of the full rectangle?

$A_{\text{part}} = 4$
$\text{fill} = \dfrac{1}{2}$

A		B	
	5		1
C		D	
	7		15
E		F	
	12		8

4

The area of the 1/2 that is filled in is 16. What is the area of the full rectangle?

$A_{\text{part}} = 16$
$\text{fill} = \dfrac{1}{2}$

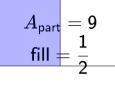| A		B	
	32		41
C		D	
	59		23
E		F	
	35		56

5

The area of the 1/2 that is filled in is 9. What is the area of the full rectangle?

$A_{\text{part}} = 9$
$\text{fill} = \dfrac{1}{2}$

A		B	
	26		18
C		D	
	13		10
E		F	
	11		20

6

The area of the 1/2 that is filled in is 9. What is the area of the full rectangle?

$A_{\text{part}} = 9$
$\text{fill} = \dfrac{1}{2}$

A		B	
	18		21
C		D	
	23		11
E		F	
	16		10

7

The area of the 2/4 that is filled in is 42. What is the area of the full rectangle?

$A_{\text{part}} = 42$
$\text{fill} = \dfrac{2}{4}$

A		B	
	84		156
C		D	
	52		44
E		F	
	28		36

8

The area of the 1/2 that is filled in is 24. What is the area of the full rectangle?

$A_{\text{part}} = 24$
$\text{fill} = \dfrac{1}{2}$

A		B	
	76		60
C		D	
	56		64
E		F	
	24		48