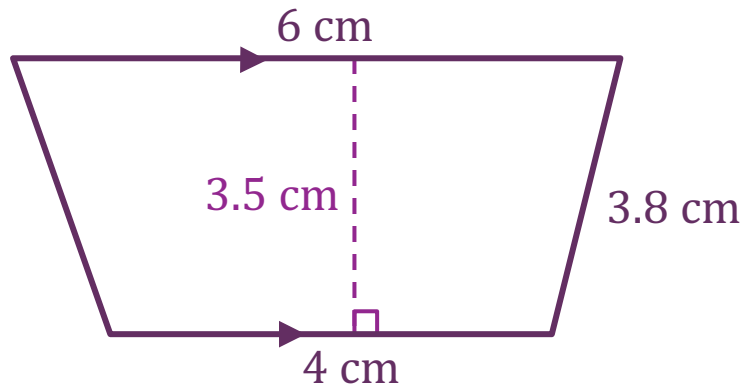




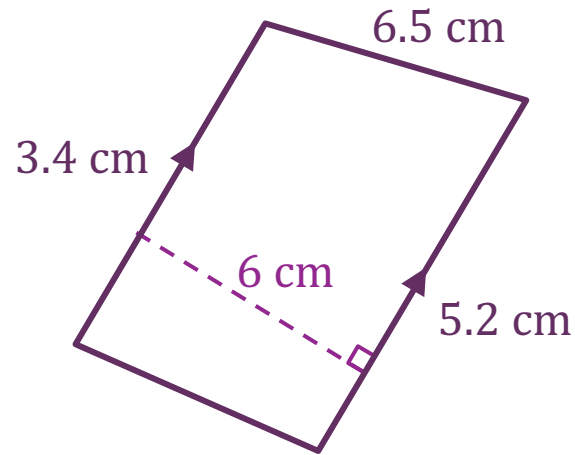
Areas of Trapeziums with... Fractions and Decimals

Find the area of each trapezium.

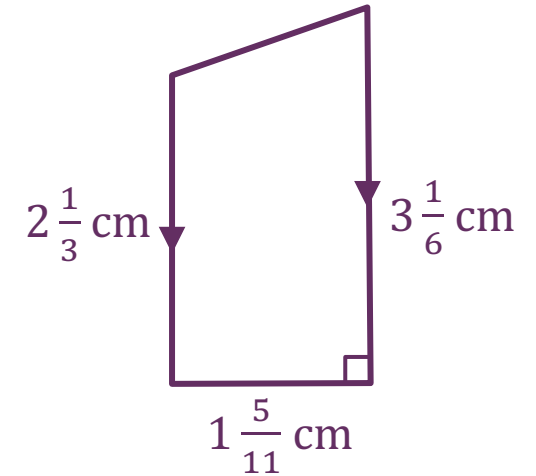
a)



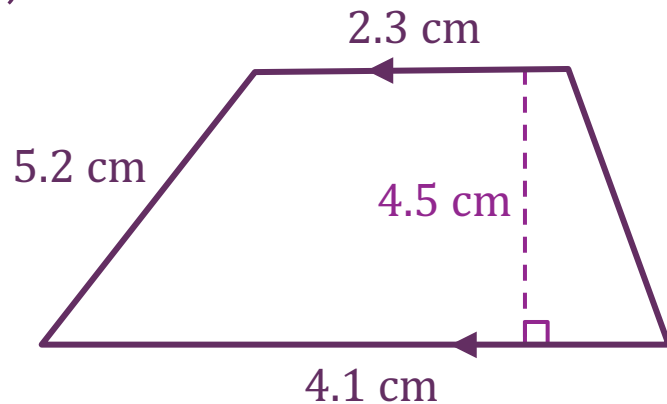
b)



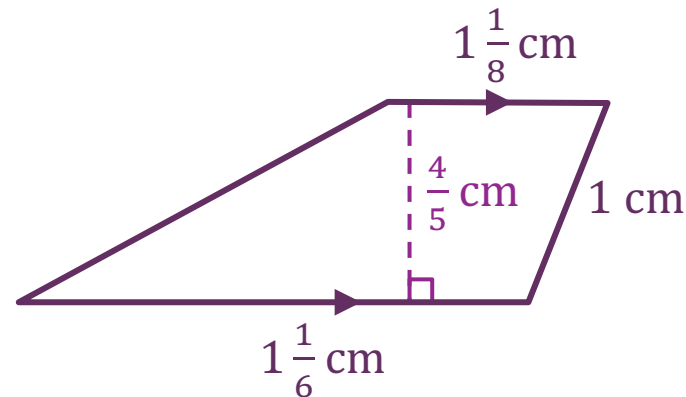
c)



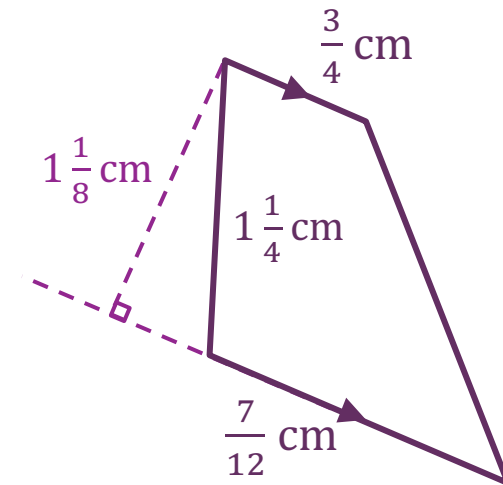
d)



e)



f)

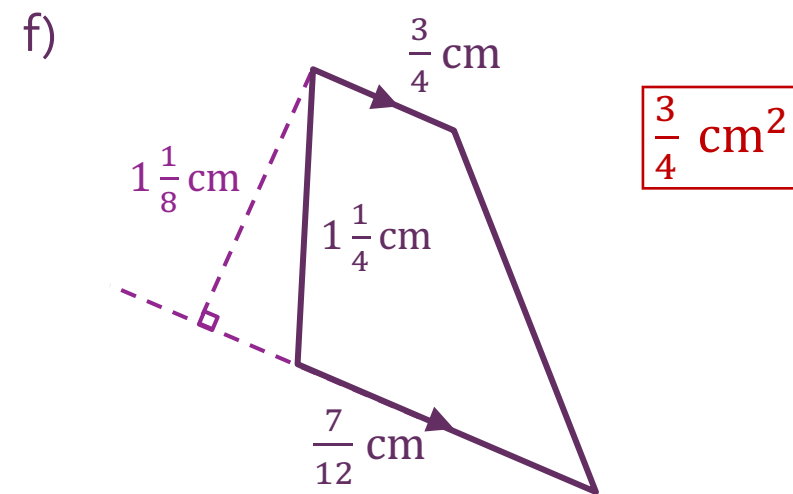
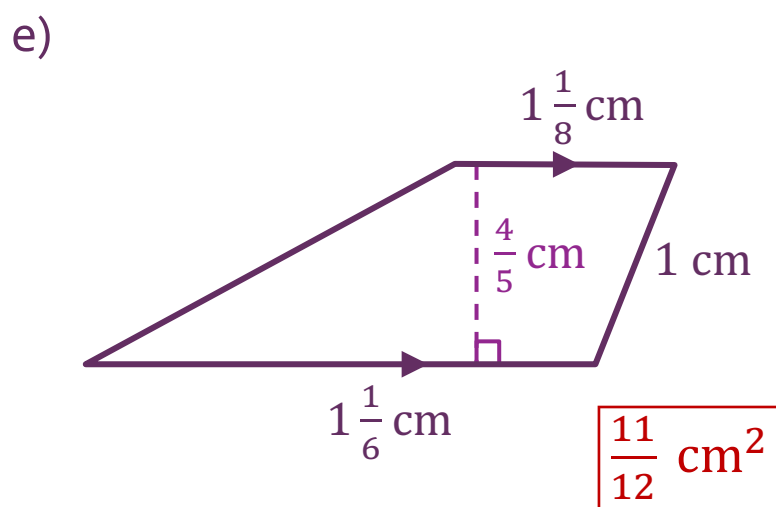
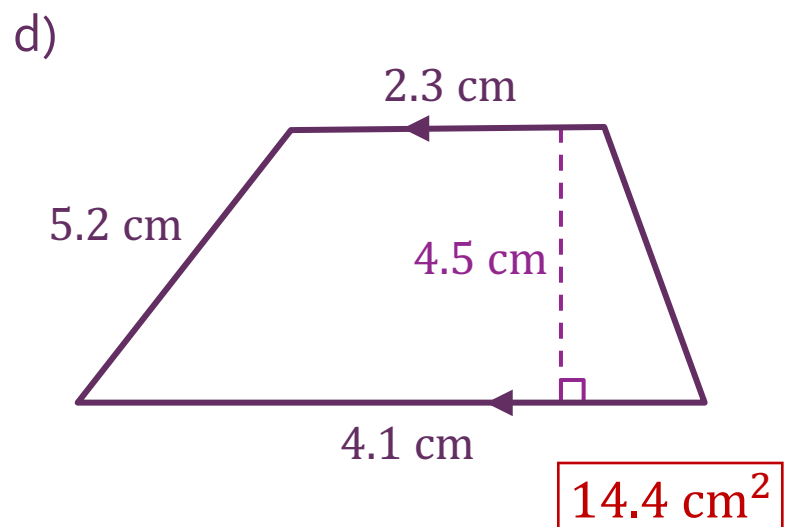
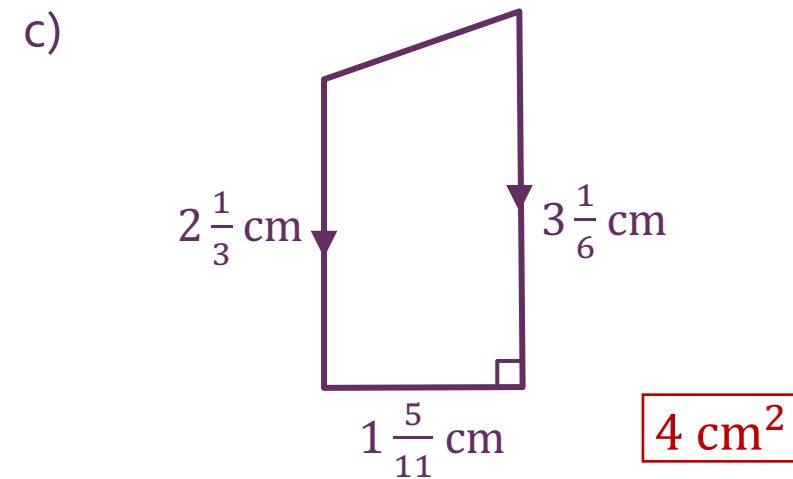
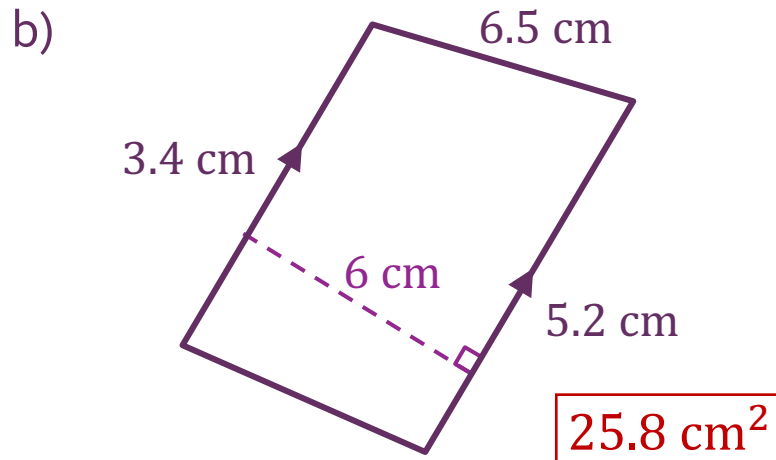
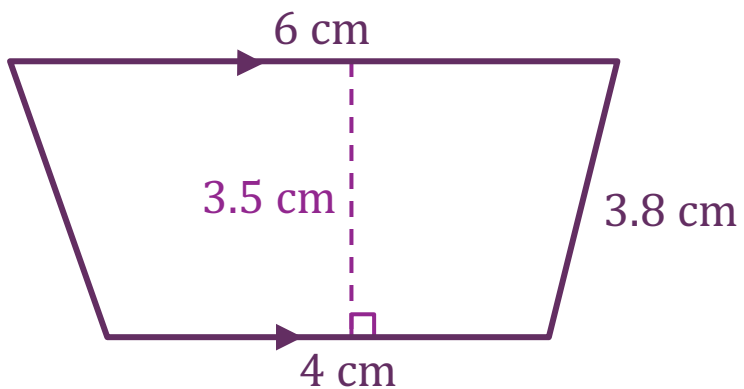


Areas of Trapeziums with... Fractions and Decimals

Solutions 

Find the area of each trapezium.

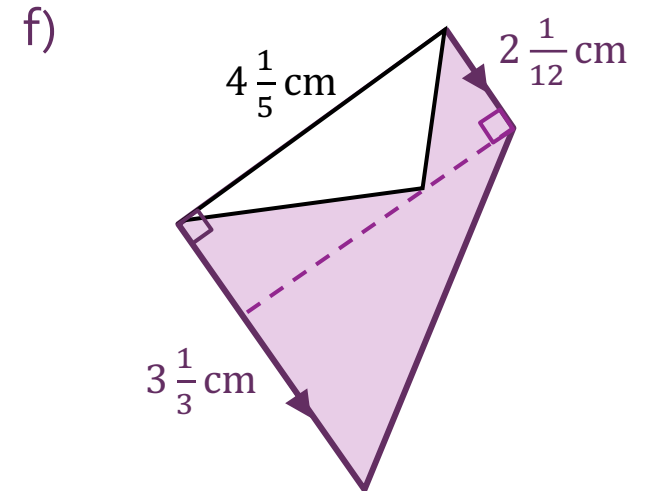
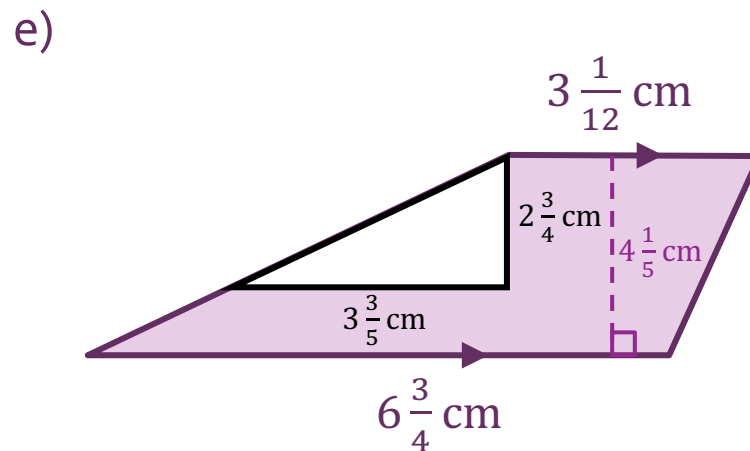
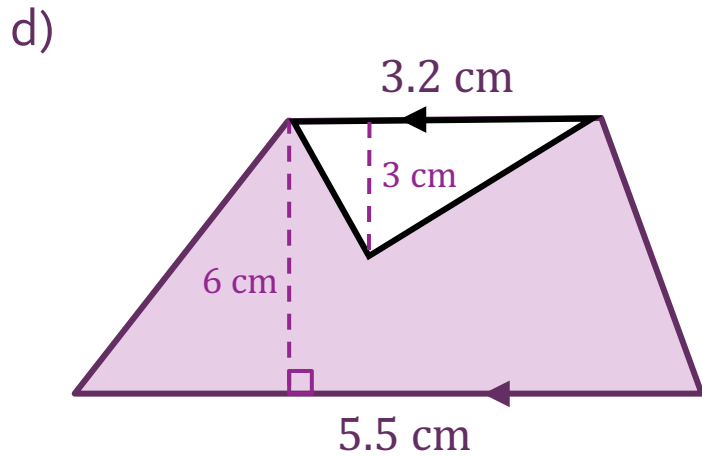
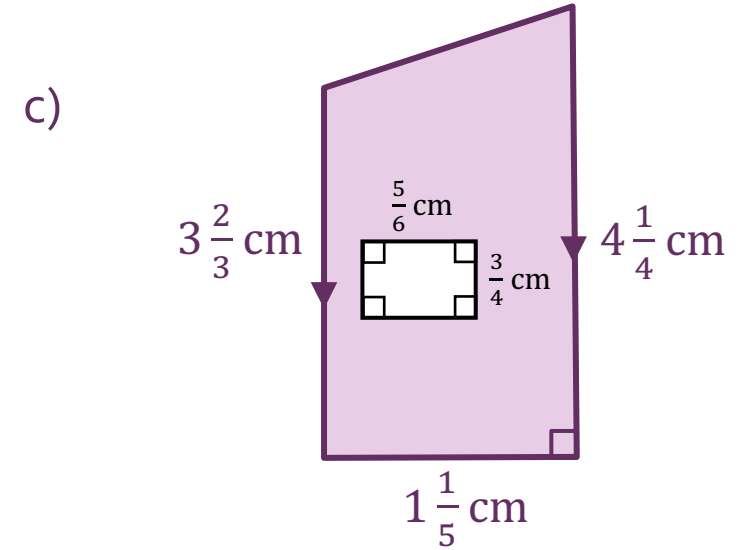
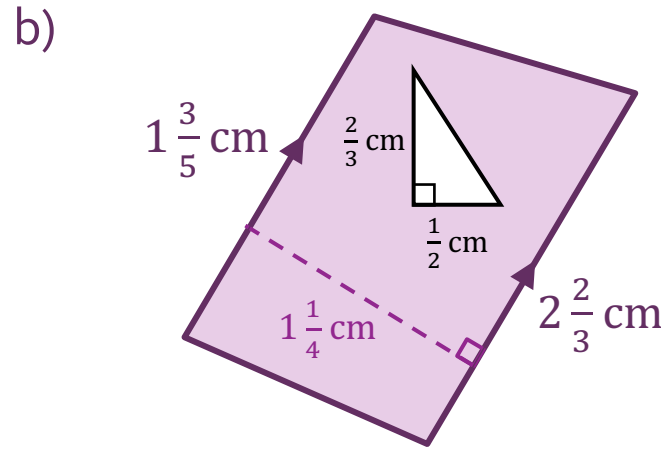
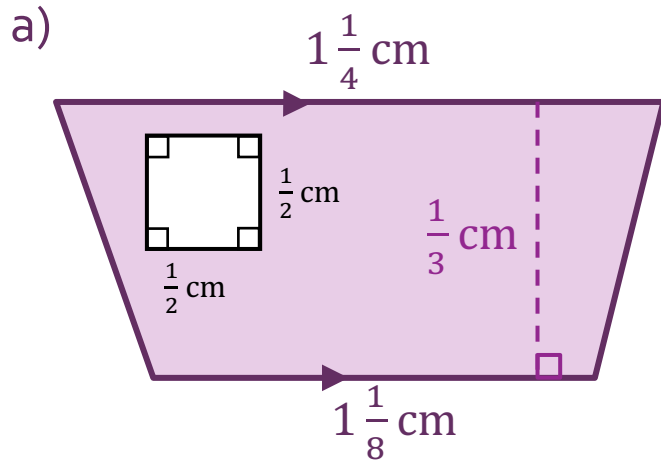
a) 17.5 cm^2





Areas of Trapeziums with... Fractions and Decimals

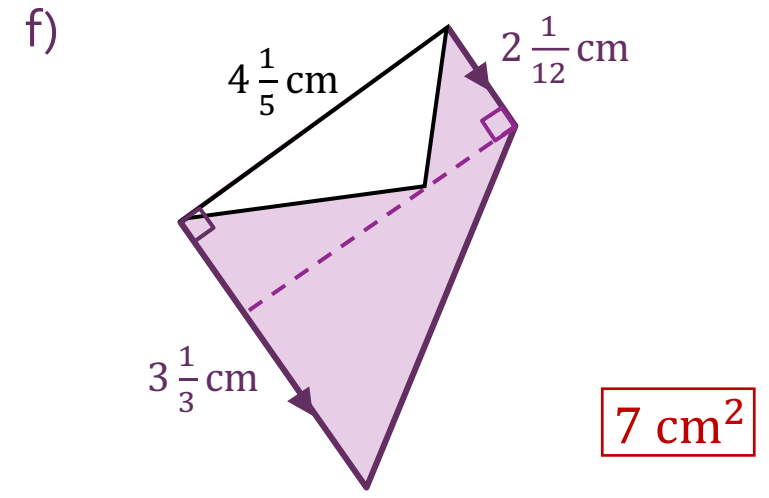
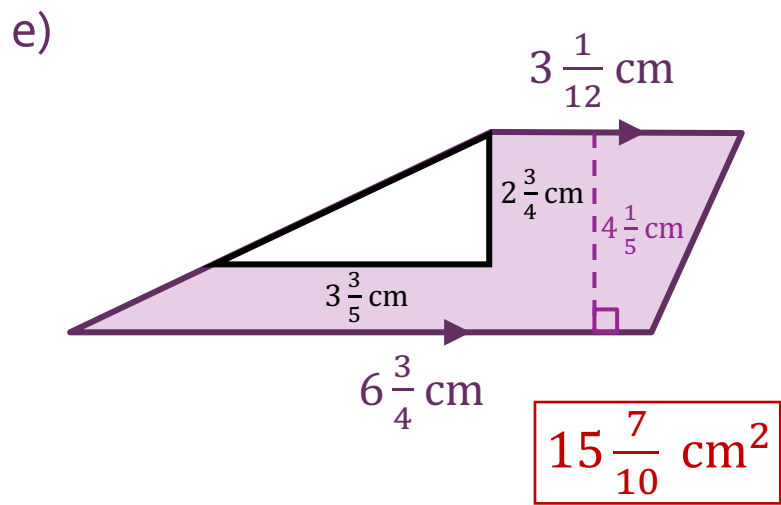
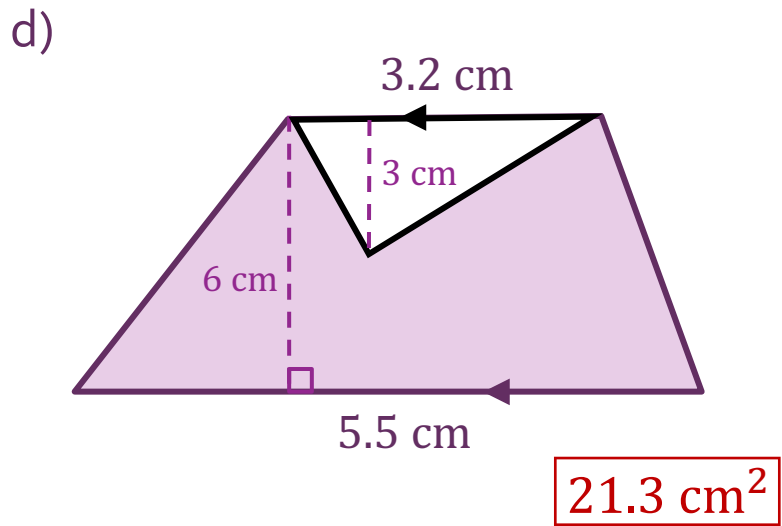
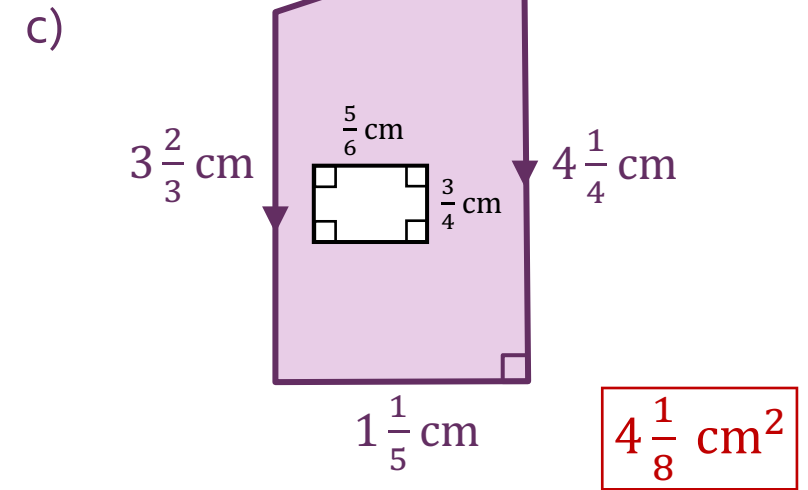
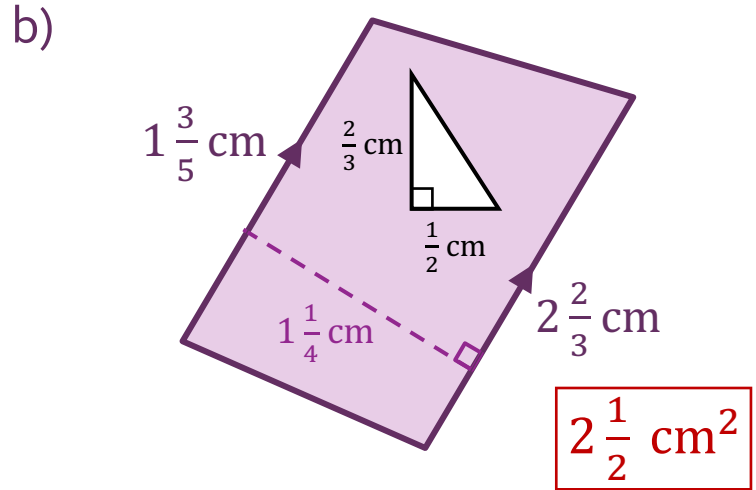
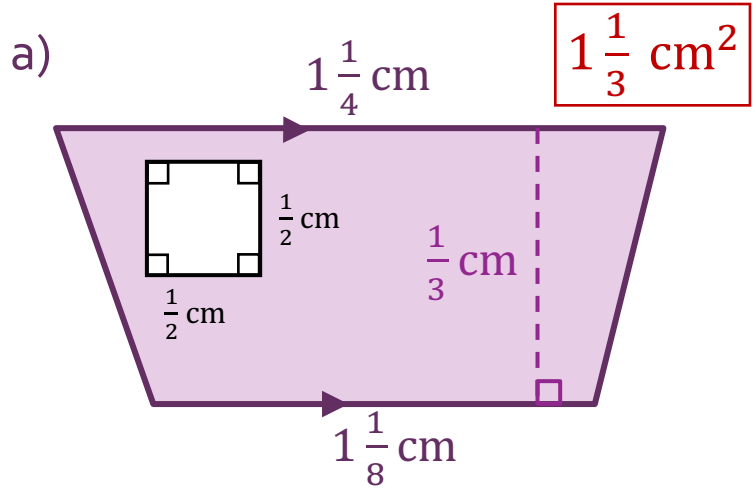
Find each shaded area.



Areas of Trapeziums with... Fractions and Decimals

Solutions 

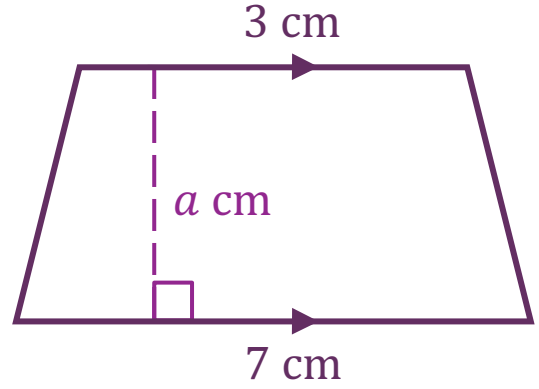
Find each shaded area.



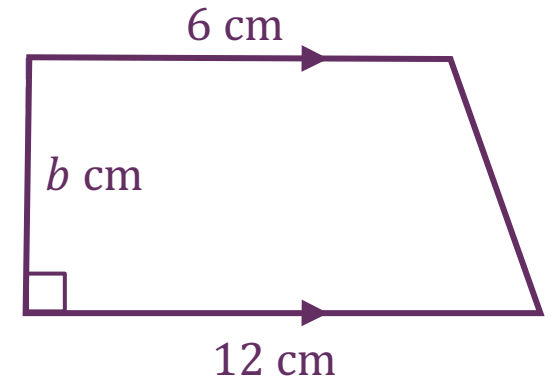


Solving Equations with... Areas of Trapeziums

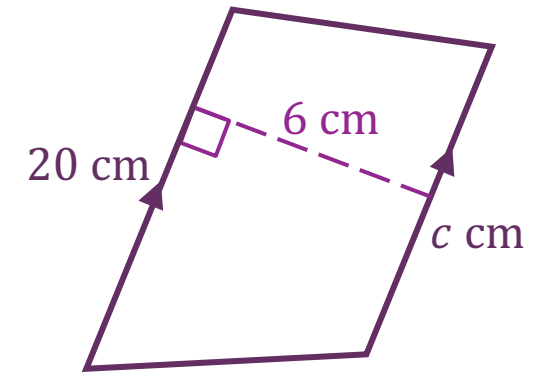
a)



b)



c)

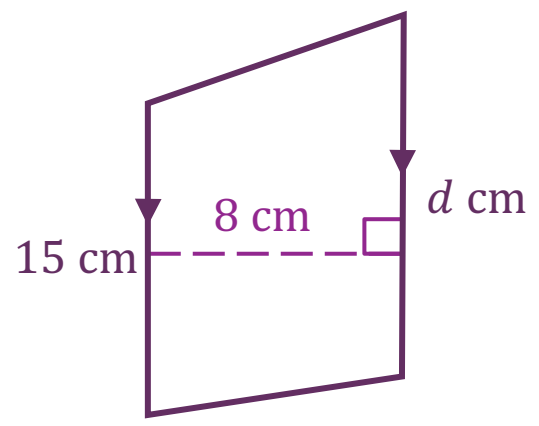


Area = 55 cm^2 $a = \square \text{ cm}$

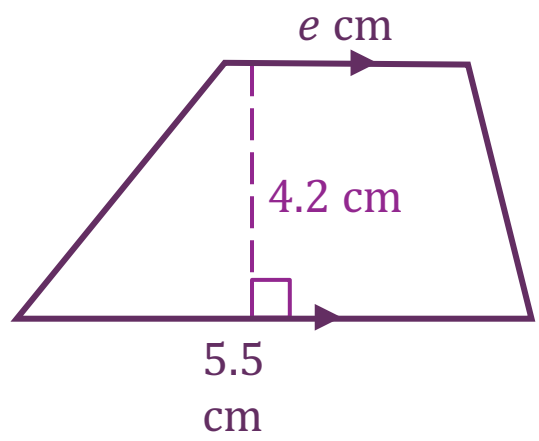
Area = 27 cm^2 $b = \square \text{ cm}$

Area = 90 cm^2 $c = \square \text{ cm}$

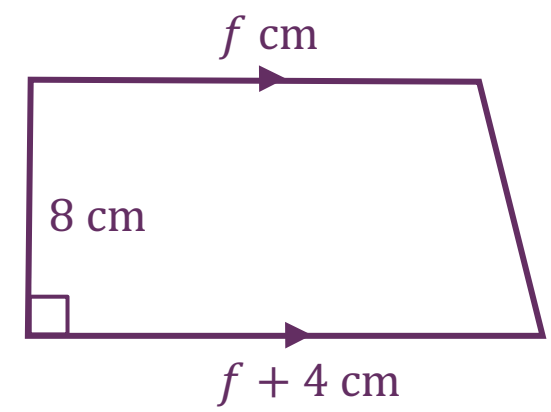
d)



e)



f)



Area = 160 cm^2 $d = \square \text{ cm}$

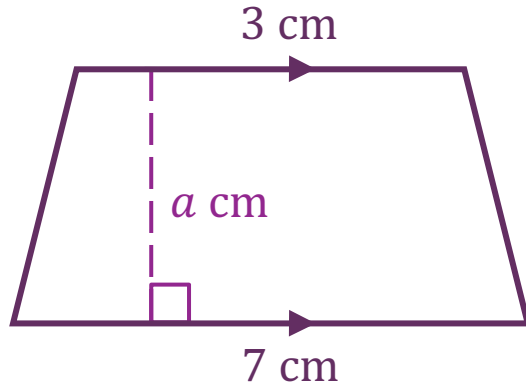
Area = 21 cm^2 $e = \square \text{ cm}$

Area = 40 cm^2 $f = \square \text{ cm}$

Solving Equations with... Areas of Trapeziums

Solutions 

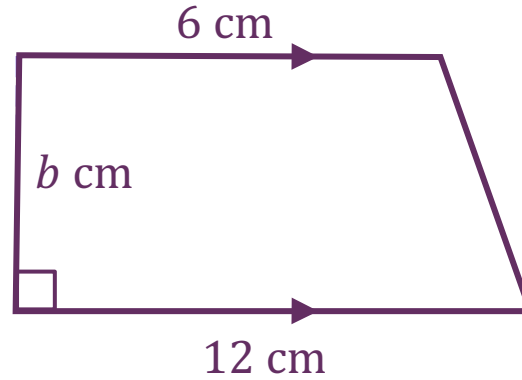
a)



Area = 55 cm^2

$a = \boxed{11} \text{ cm}$

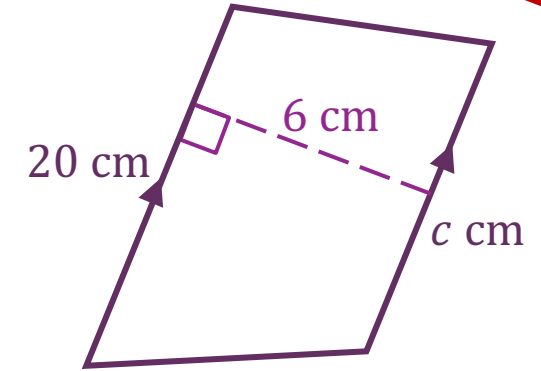
b)



Area = 27 cm^2

$b = \boxed{3} \text{ cm}$

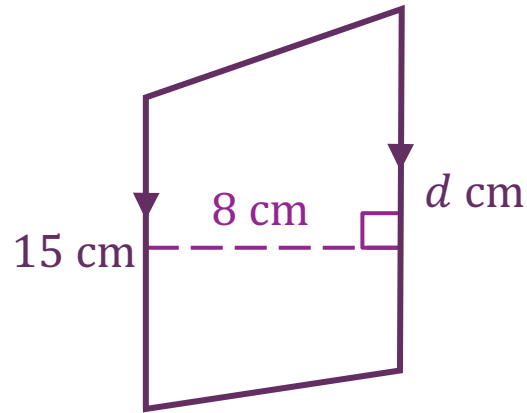
c)



Area = 90 cm^2

$c = \boxed{10} \text{ cm}$

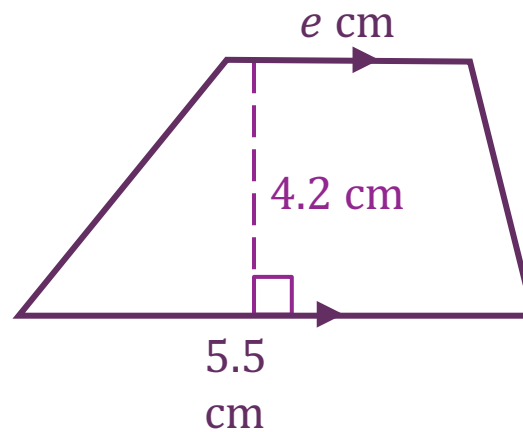
d)



Area = 160 cm^2

$d = \boxed{25} \text{ cm}$

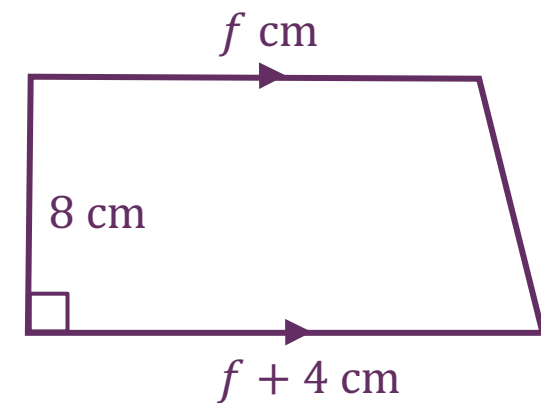
e)



Area = 21 cm^2

$e = \boxed{4.5} \text{ cm}$

f)



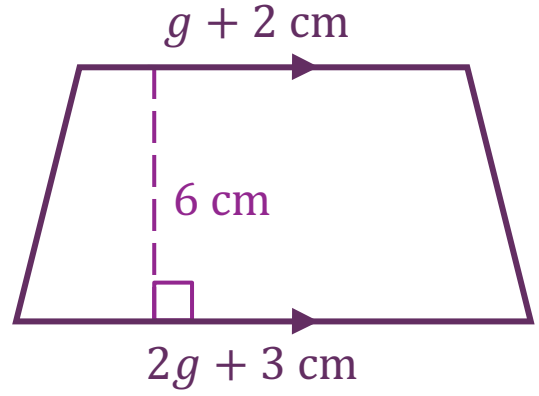
Area = 40 cm^2

$f = \boxed{3} \text{ cm}$



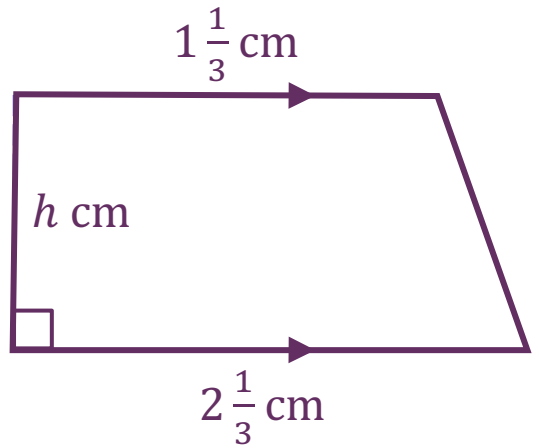
Solving Equations with... Areas of Trapeziums

g)



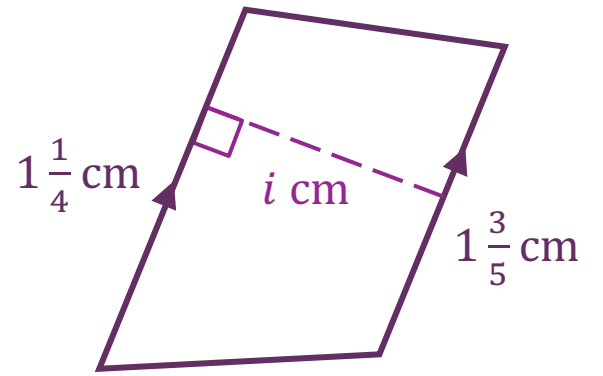
Area = 28.5 cm^2 $g = \square \text{ cm}$

h)



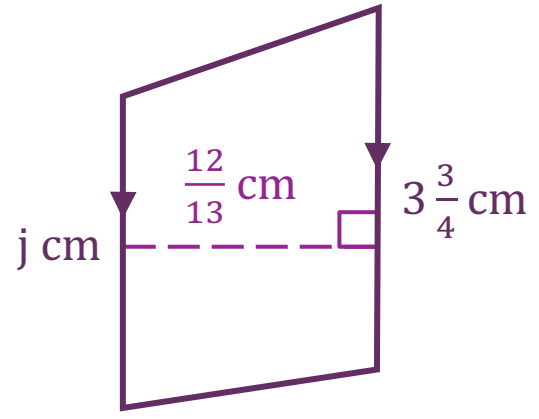
Area = $2 \frac{1}{6} \text{ cm}^2$ $h = \square \text{ cm}$

i)



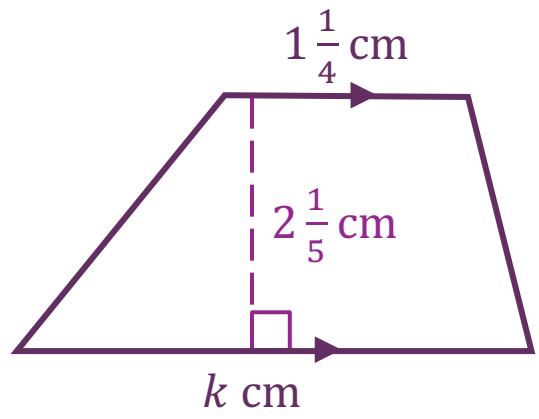
Area = $2 \frac{1}{4} \text{ cm}^2$ $i = \square \text{ cm}$

j)



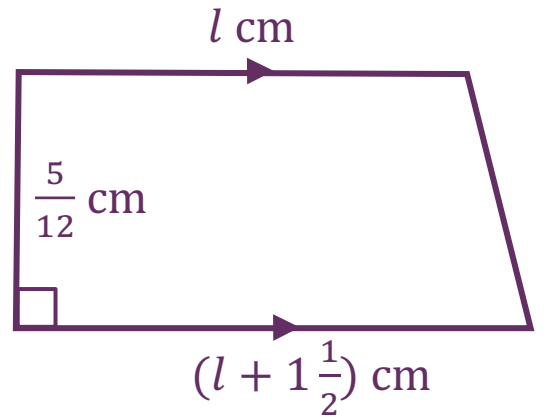
Area = $2 \frac{1}{2} \text{ cm}^2$ $j = \square \text{ cm}$

k)



Area = $4 \frac{1}{8} \text{ cm}^2$ $k = \square \text{ cm}$

l)

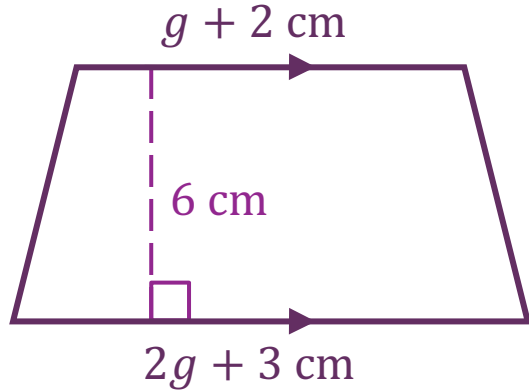


Area = $\frac{5}{6} \text{ cm}^2$ $l = \square \text{ cm}$

Solving Equations with... Areas of Trapeziums

Solutions 

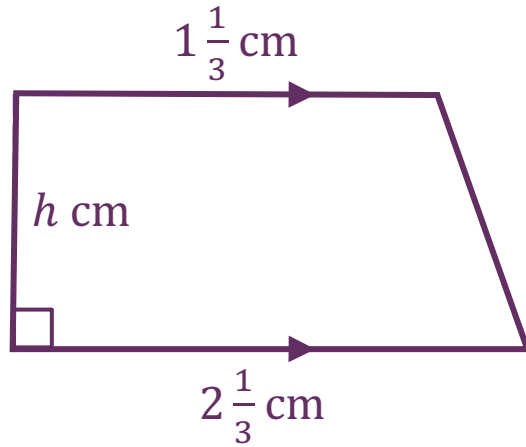
g)



Area = 28.5 cm^2

$g = 1.5 \text{ cm}$

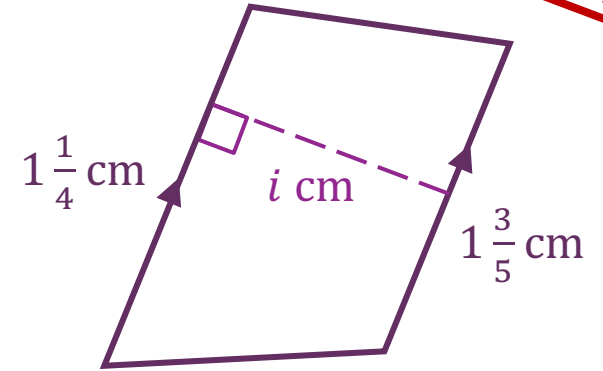
h)



Area = $2\frac{1}{6} \text{ cm}^2$

$h = 1\frac{2}{11} \text{ cm}$

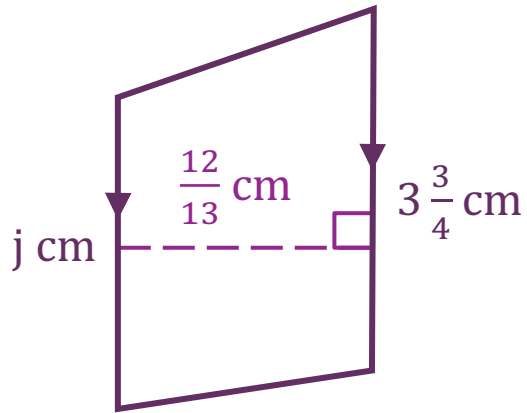
i)



Area = $2\frac{1}{4} \text{ cm}^2$

$i = 1\frac{11}{19} \text{ cm}$

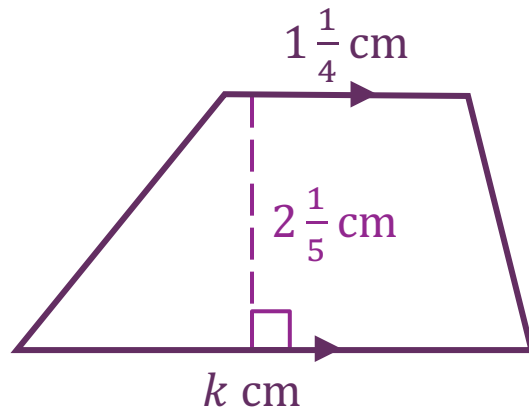
j)



Area = $2\frac{1}{2} \text{ cm}^2$

$j = 1\frac{2}{3} \text{ cm}$

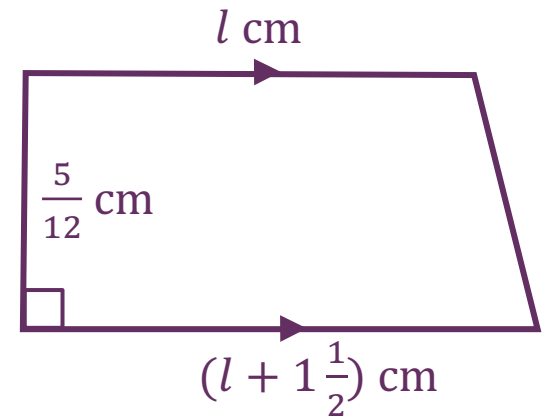
k)



Area = $4\frac{1}{8} \text{ cm}^2$

$k = 2\frac{1}{2} \text{ cm}$

l)



Area = $\frac{5}{6} \text{ cm}^2$

$l = 2\frac{3}{4} \text{ cm}$