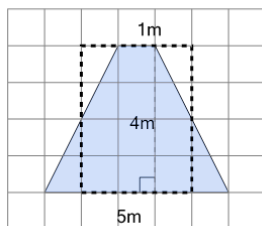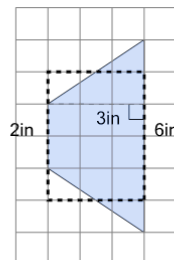# Area of a Trapezoid - Concept Intro - From Rectangle

Name

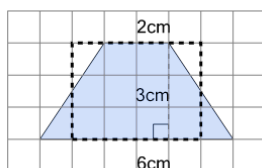## 1

Find the area of the trapezoid by simplifying it to the average-length rectangle shown

Figure: trapezoid with labels 1m (top), 4m (height), 5m (bottom)

A	$12m^2$	B	$35m^2$
C	$4m^2$	D	$5m^2$

2

Find the area of the trapezoid by simplifying it to the average-length rectangle shown

Figure: trapezoid with labels 2in, 3in, 6in

A	$50in^2$	B	$36in^2$
C	$6in^2$	D	$12in^2$
E	$16.4in^2$		

3

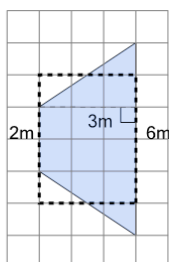Find the area of the trapezoid by simplifying it to the average-length rectangle shown

Figure: trapezoid with labels 2cm (top), 3cm (height), 6cm (bottom)

A	$16.4cm^2$	B	$20cm^2$
C	$23cm^2$	D	$12cm^2$

4
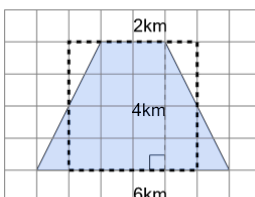
Find the area of the trapezoid by simplifying it to the average-length rectangle shown

Figure: trapezoid with labels 2km (top), 4km (height), 6km (bottom)

A	$8km^2$	B	$26.7km^2$
C	$40km^2$	D	$16km^2$

5

Find the area of the trapezoid by simplifying it to the average-length rectangle shown

Figure: trapezoid with labels 2m, 3m, 6m

A	$23m^2$	B	$18m^2$
C	$12m^2$	D	$20m^2$

6
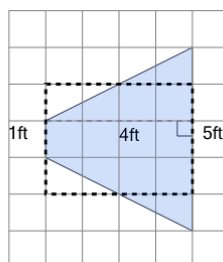
Find the area of the trapezoid by simplifying it to the average-length rectangle shown

Figure: trapezoid with labels 1ft, 4ft, 5ft

A	$12ft^2$	B	$4ft^2$
C	$5ft^2$	D	$20ft^2$
E	$35ft^2$		

7
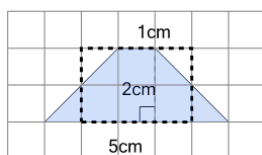
Find the area of the trapezoid by simplifying it to the average-length rectangle shown

Figure: trapezoid with labels 1cm (top), 2cm (height), 5cm (bottom)

A	$2cm^2$	B	$4.5cm^2$
C	$6cm^2$	D	$10cm^2$

8
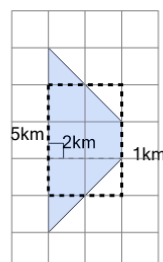
Find the area of the trapezoid by simplifying it to the average-length rectangle shown

Figure: trapezoid with labels 5km, 2km, 1km

A	$4.5km^2$	B	$2km^2$
C	$10km^2$	D	$6km^2$