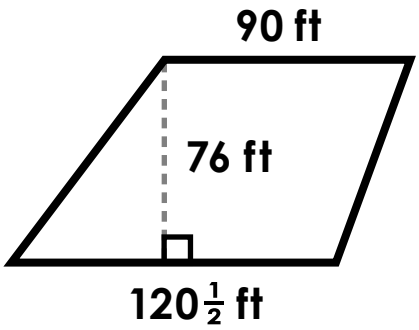
1. Area of a Trapezoid

Calculate the area of the trapezoid.



2. Area of a Trapezoid

Find the area of a trapezoid with the dimensions below.

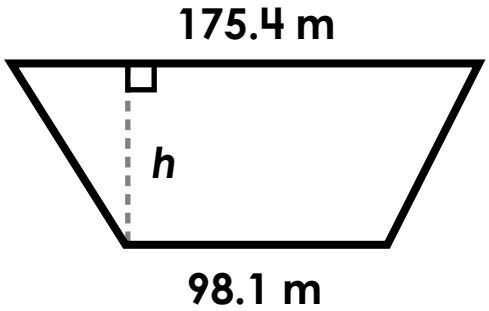
$base_1$ = 44.6 cm

$base_2$ = 103.9 cm

height = 56 cm

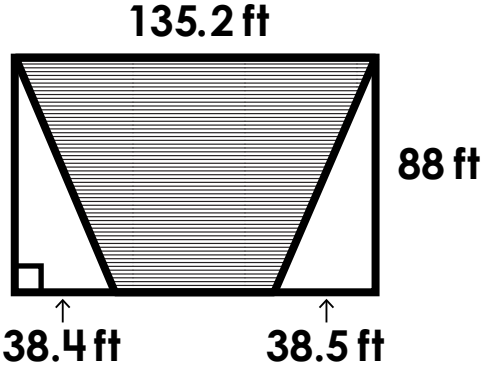
Calculate the height of the trapezoid.

A = 9,299 m²



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

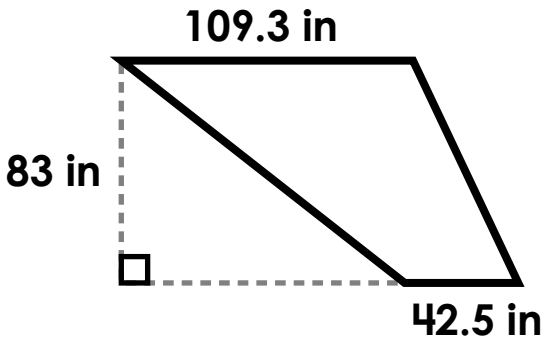
Calculate the area of the shaded trapezoid.



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

5. Area of a Trapezoid

Calculate the area of the trapezoid.



6. Area of a Trapezoid

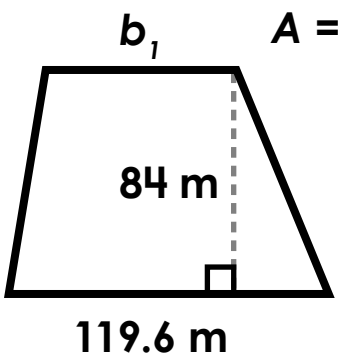
Find the height of a trapezoid with the dimensions below.

$base_1$ = 39.2 mm

$base_2$ = 105.6 mm

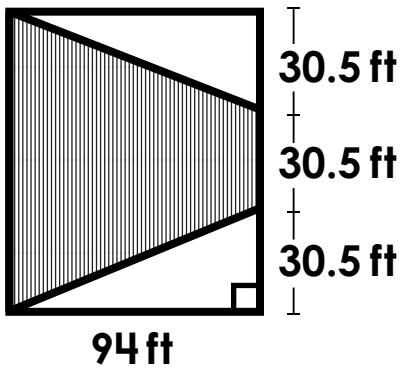
area = 3,982 mm^2

Calculate $base_1$ of the trapezoid.



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

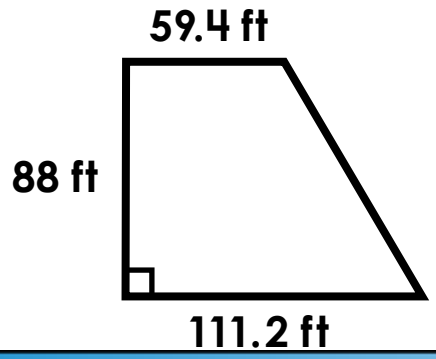
Calculate the area of the shaded trapezoid.



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

9. Area of a Trapezoid

Calculate the area of the trapezoid.



10. Area of a Trapezoid

Find $base_2$ of a trapezoid with the dimensions below.

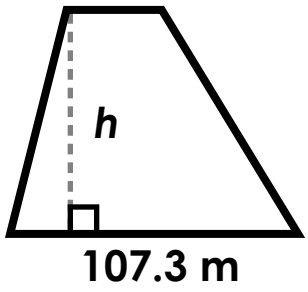
$base_1$ = 48.7 cm

height = 36 cm

area = 2,709 cm^2

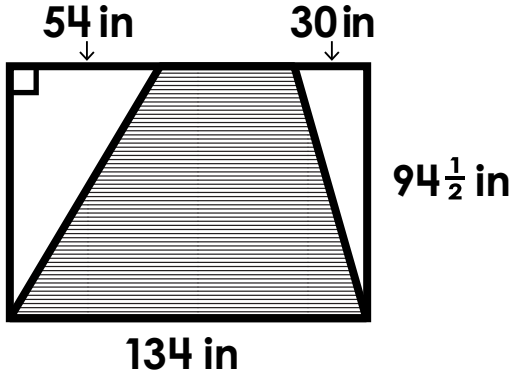
Calculate the height of the trapezoid.

35.7 m **A = 6,006 m^2**



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

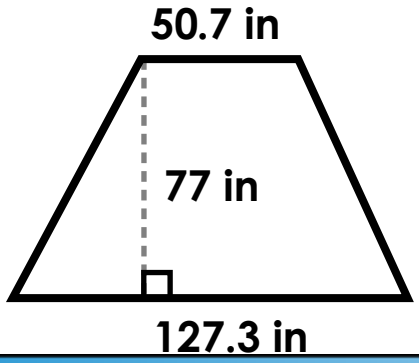
Calculate the area of the unshaded area.



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

13. Area of a Trapezoid

Calculate the area of the trapezoid.



14. Area of a Trapezoid

Find the area of a trapezoid with the dimensions below.

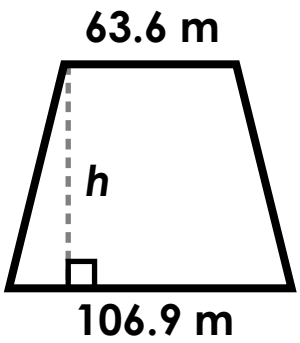
$base_1$ = 142.4 m

$base_2$ = 86.4 m

height = 75 m

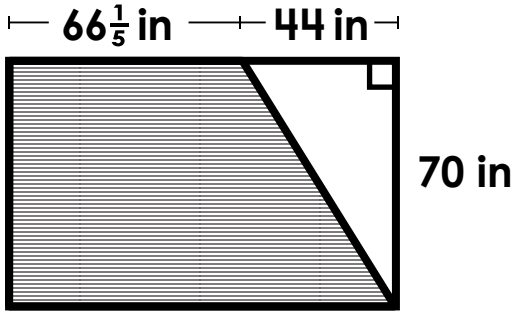
Calculate the height of the trapezoid.

A = 7,161 m²



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

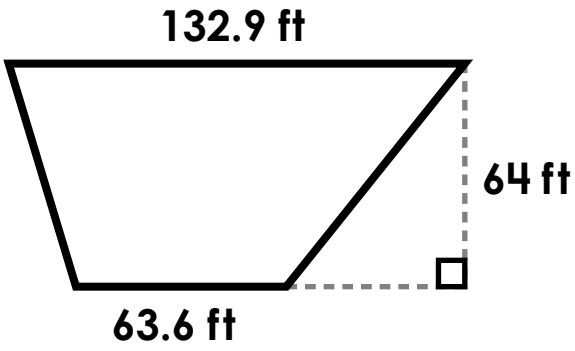
Calculate the area of the shaded trapezoid.



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

17. Area of a Trapezoid

Calculate the area of the trapezoid.



18. Area of a Trapezoid

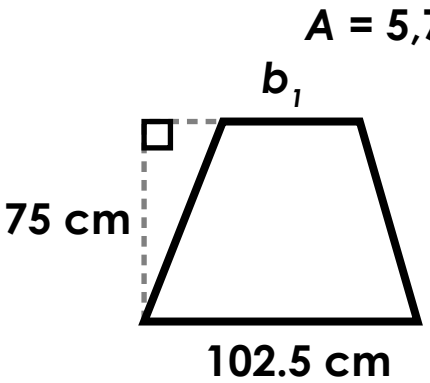
Find the height of a trapezoid with the dimensions below.

$base_1$ = 52.1 cm

$base_2$ = 106.3 cm

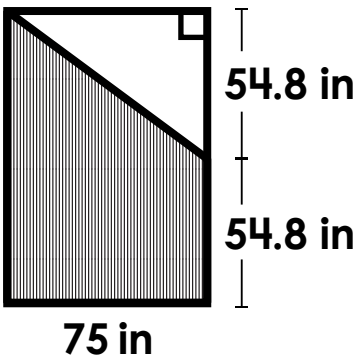
area = 5,148 cm^2

Calculate $base_1$ of the trapezoid.



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

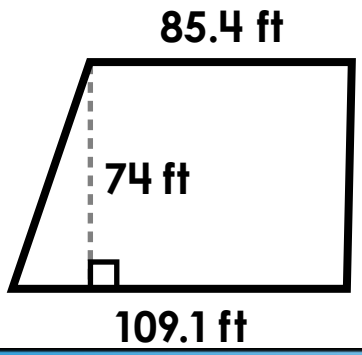
Calculate the area of the shaded trapezoid.



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

21. Area of a Trapezoid

Calculate the area of the trapezoid.



22. Area of a Trapezoid

Find $base_2$ of a trapezoid with the dimensions below.

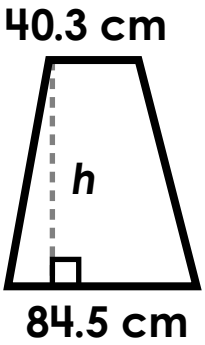
$base_1$ = 107.7 m

height = 86.4 m

area = 7,992 m^2

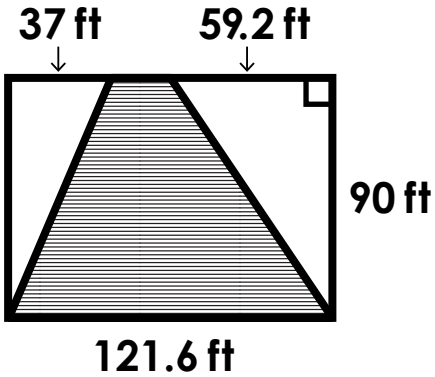
Calculate the height of the trapezoid.

A = 6,552 cm^2



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

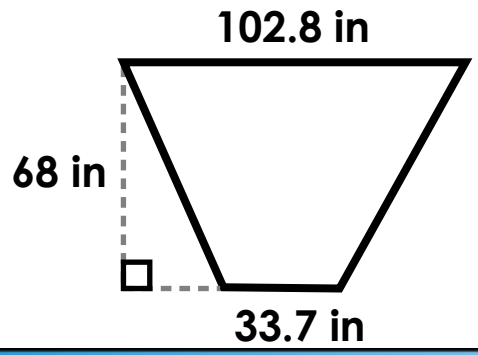
Calculate the area of the unshaded area.



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

25. Area of a Trapezoid

Calculate the area of the trapezoid.



26. Area of a Trapezoid

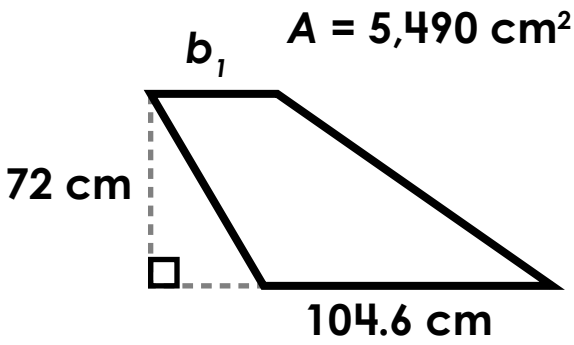
Find the area of a trapezoid with the dimensions below.

$base_1$ = 126.7 cm

$base_2$ = 73.3 cm

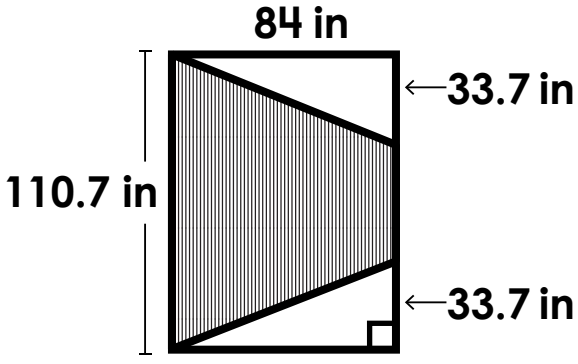
height = 71.9 cm

Calculate $base_1$ of the trapezoid.



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

Calculate the area of the shaded trapezoid.



Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

29. Area of a Trapezoid

Calculate the area of the trapezoid.

Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

30. Area of a Trapezoid

Find the height of a trapezoid with

Formula: $A = \frac{1}{2} \times (b_1 + b_2) \times h$

Name: _____

Task Cards: Area of a Trapezoid

1. area = _____

2. area = _____

16. area = _____

17. area = _____

13. area = _____

14. area = _____

15. height = _____

28. area = _____

29. area = _____

30. base = _____

ANSWER KEY

Task Cards: Area of a Trapezoid

1. area = 7,999 ft²

2. area = 4,158 cm²

16. area = 6,174 in²

17. area = 6,288 ft²

13. area = 6,853 in²

14. area = 8,580 m²

15. height = 84 m

28. area = 6,468 in²

29. area = 4,186 ft²

30. height = 85 cm