



Area of Triangles and Quadrilaterals

Name _____ Class _____ Date _____

1 What is the **area** for a **rectangle** 5 cm by 14 cm?

$A = bh$

A 35 sq. cm
B 70 sq. cm
C 30 sq. cm
D 65 sq. cm

2 What is the **area** of a **square** that is 18 inches on each side?

$A = bh$

A 36 sq. in.
B 234 sq. in.
C 324 sq. in.
D 72 sq. in.

3 Calculate the **area** for a **rectangle** which measures 5 ft. by 32 ft.

$A = bh$

4 The **area** of a **rectangle** 43 m by 30 m is _____.

$A = bh$

A 730 sq. m
B 1,200 sq. m
C 146 sq. m

5

PREVIEW

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7

A 36 sq. cm
B 130 sq. cm
C 72 sq. cm
D 44 sq. cm

9 The bases of a **trapezoid** are 18 m and 30 m. The height is 7 m. What is the **area**?

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

A 336 sq. m
B 168 sq. m
C 224 sq. m
D 183 sq. m

A 120 sq. ft.
B 88 sq. ft.
C 60 sq. ft.
D 108 sq. ft.

10 The bases of a **trapezoid** are 5 cm and 25 cm. The height is 4 cm. What is the **area**?

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

A 250 sq. m
B 129 sq. m
C 225 sq. m
D 60 sq. m



ANSWER KEY

What is the **area** for a **rectangle** 5 cm by 14 cm?

$$A = bh$$



- A** 35 sq. cm
- B** 70 sq. cm
- C** 30 sq. cm
- D** 65 sq. cm

(b)

What is the **area** of a **square** that is 18 inches on each side?

$$A = bh$$

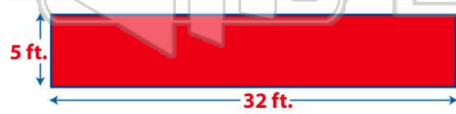


- A** 36 sq. in.
- B** 234 sq. in.
- C** 324 sq. in.
- D** 72 sq. in.

(c)

Calculate the **area** for a **rectangle** which measures 5 ft. by 32 ft.

$$A = bh$$

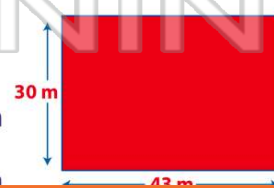


- A** 160 sq. ft.
- C** 89 sq. ft.

(a)

The **area** of a **rectangle** 43 m by 30 m is _____.

$$A = bh$$



- A** 730 sq. m
- B** 1,200 sq. m
- C** 146 sq. m
- D** 1,290 sq. m

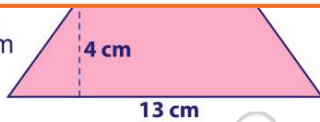
(d)



PREVIEW

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- A** 36 sq. cm
- B** 130 sq. cm
- C** 72 sq. cm
- D** 44 sq. cm



(b)

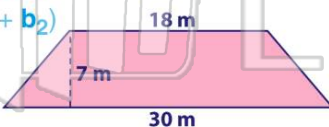
- A** 120 sq. ft.
- B** 88 sq. ft.
- C** 60 sq. ft.
- D** 108 sq. ft.



(d)

The bases of a **trapezoid** are 18 m and 30 m. The height is 7 m. What is the **area**?

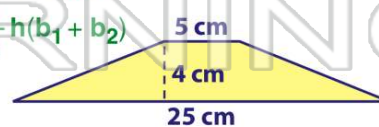
$$A = \frac{1}{2} h(b_1 + b_2)$$



- A** 336 sq. m
- B** 168 sq. m
- C** 224 sq. m
- D** 183 sq. m

The bases of a **trapezoid** are 5 cm and 25 cm. The height is 4 cm. What is the **area**?

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



- A** 250 sq. m
- B** 129 sq. m
- C** 225 sq. m
- D** 60 sq. m