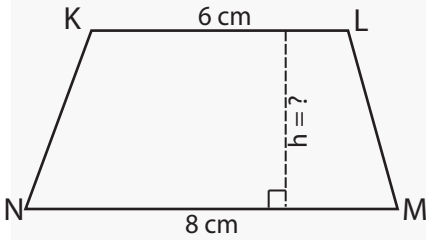# Height of Polygons

**Name:** _____  **Class:** _____
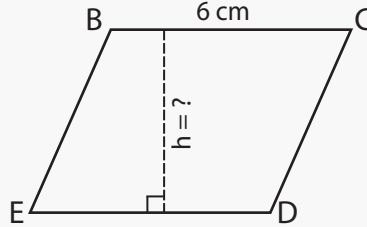
Find the area of the following polygons. They are not drawn to scale.

---

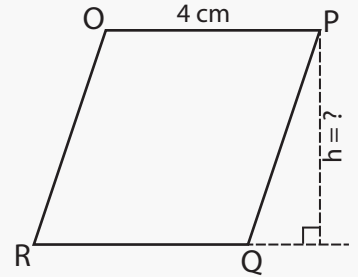### KLMN is a Trapezium

K — 6 cm — L
h = ?
N — 8 cm — M

Area:     28 cm$^2$
Height: _____

---

### BCDE is a Rhombus

B — 6 cm — C
h = ?
E — D

Area:     30 cm$^2$
Height: _____

---

### OPQR is a Rhombus

O — 4 cm — P
h = ?
R — Q

Area:     16 cm$^2$
Height: _____

---

### DEFG is a Parallelogram

D — 6 cm — E
h = ?
7 cm
G — F
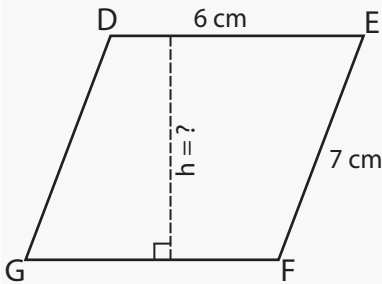
Area:     36 cm$^2$
Height: _____

---

### ABCD is a Rhombus

A — B
7 cm
h = ?
D — C
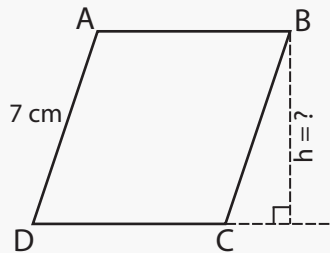
Area:     35 cm$^2$
Height: _____

---

### GHIJ is a Trapezium

G — 8 cm — H
h = ?
J — 10 cm — I
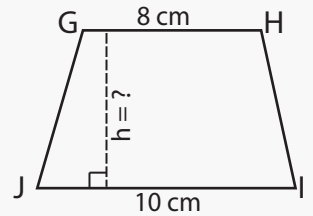
Area:     54 cm$^2$
Height: _____

---

### RSTU is a Rhombus

R — 4 cm — S
h = ?
U — T
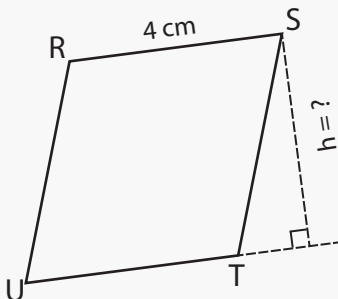
Area:     14 cm$^2$
Height: _____

---

### NOPQ is a Parallelogram

N — 9 cm — O
h = ?
8 cm
Q — P
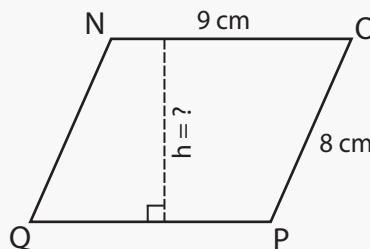
Area:     72 cm$^2$
Height: _____

---

### KLMN is a Trapezium
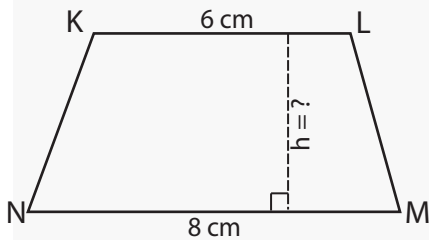
K — 5 cm — L
h = ?
N — 7 cm — M
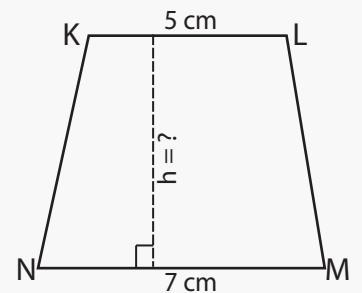
Area:     36 cm$^2$
Height: _____

---

# Answers

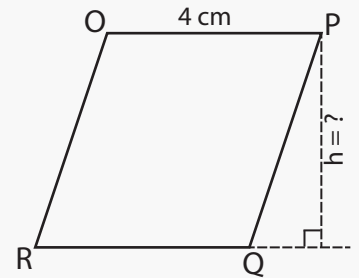Find the area of the following polygons. They are not drawn to scale.

## KLMN is a Trapezium

K — 6 cm — L
h = ?
N — 8 cm — M

Area: 28 cm²
Height: **4 cm**

## BCDE is a Rhombus

B — 6 cm — C
h = ?
E — D
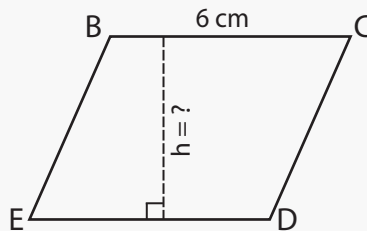
Area: 30 cm²
Height: **5 cm**

## OPQR is a Rhombus

O — 4 cm — P
h = ?
R — Q

Area: 16 cm²
Height: **4 cm**

## DEFG is a Parallelogram

D — 6 cm — E
h = ?
7 cm
G — F
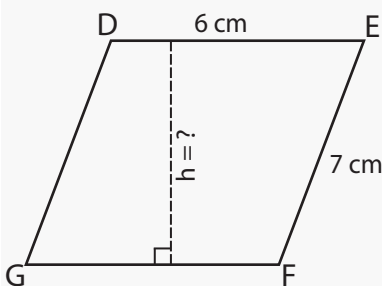
Area: 36 cm²
Height: **6 cm**

## ABCD is a Rhombus

A — B
7 cm
h = ?
D — C
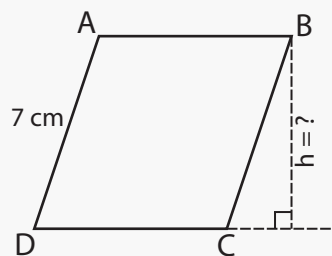
Area: 35 cm²
Height: **5 cm**

## GHUJ is a Trapezium

G — 8 cm — H
h = ?
J — 10 cm — I
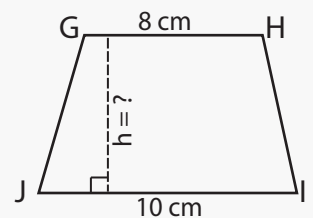
Area: 54 cm²
Height: **6 cm**

## RSTU is a Rhombus

R — 4 cm — S
h = ?
U — T
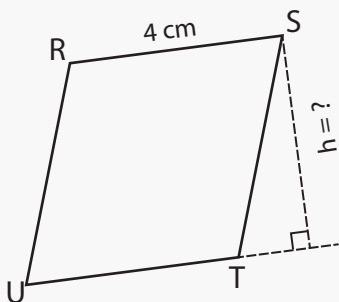
Area: 14 cm²
Height: **3.5 cm**

## NOPQ is a Parallelogram

N — 9 cm — O
h = ?
8 cm
Q — P
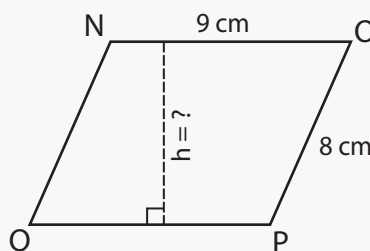
Area: 72 cm²
Height: **8 cm**

## KLMN is a Trapezium

K — 5 cm — L
h = ?
N — 7 cm — M

Area: 36 cm²
Height: **6 cm**