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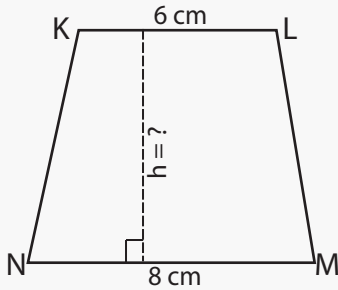
Name: _____   Class: _____
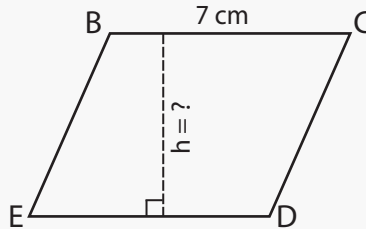
Find the area of the following polygons. They are not drawn to scale.

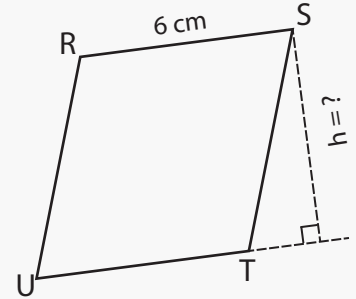### KLMN is a Trapezium

K — 6 cm — L
h = ?
N — 8 cm — M

Area: 49 cm^2
Height: _____

BCDE is a Rhombus

B — 7 cm — C
h = ?
E — D

Area: 42 cm^2
Height: _____

RSTU is a Rhombus

R — 6 cm — S
h = ?
U — T

Area: 33 cm^2
Height: _____

GHIJ is a Trapezium

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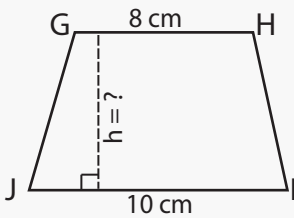
Area: 54 cm^2
Height: _____

ABCD is a Rhombus

A — B
8 cm   h = ?
D — C
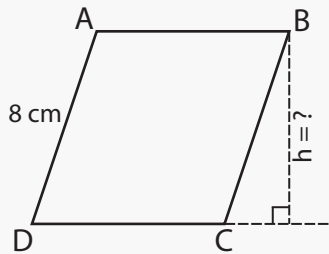
Area: 48 cm^2
Height: _____

DEFG is a Parallelogram

D — 7 cm — E
h = ?   8 cm
G — F
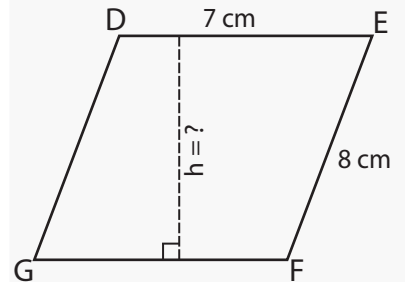
Area: 42 cm^2
Height: _____

OPQR is a Rhombus

O — 5 cm — P
h = ?
R — Q
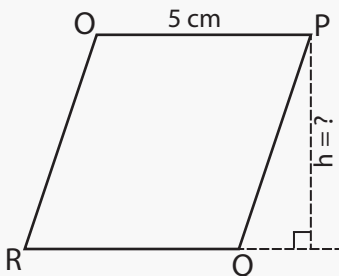
Area: 25 cm^2
Height: _____

NOPQ is a Parallelogram

N — 8 cm — O
h = ?   7 cm
Q — P
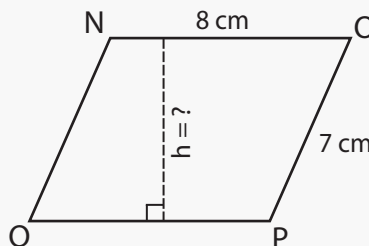
Area: 56 cm^2
Height: _____

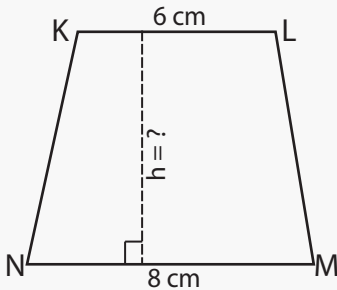### KLMN is a Trapezium

K — 7 cm — L
h = ?
N — 9 cm — M
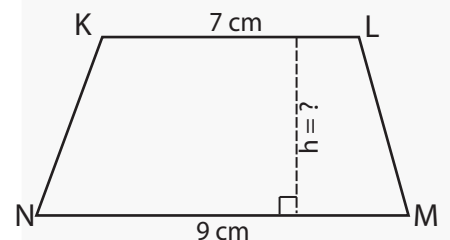
Area: 48 cm^2
Height: _____

Answers

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

KLMN is a Trapezium

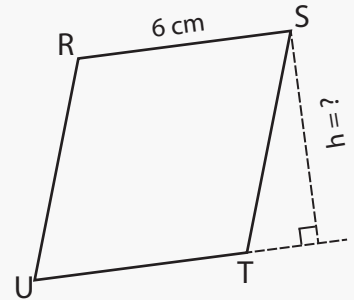K — 6 cm — L
h = ?
N — 8 cm — M

Area: 49 cm^2
Height: **7 cm**

BCDE is a Rhombus

B — 7 cm — C
h = ?
E — — D
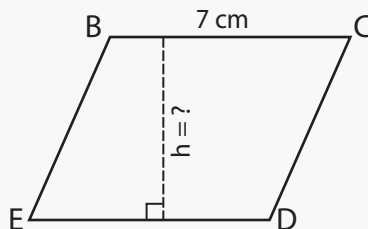
Area: 42 cm^2
Height: **6 cm**

RSTU is a Rhombus

R — 6 cm — S
h = ?
U — T

Area: 33 cm^2
Height: **5.5 cm**

GHIJ is a Trapezium

G — 8 cm — H
h = ?
J — 10 cm — I
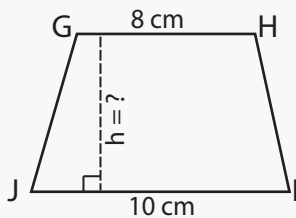
Area: 54 cm^2
Height: **6 cm**

ABCD is a Rhombus

A — B
8 cm
h = ?
D — C
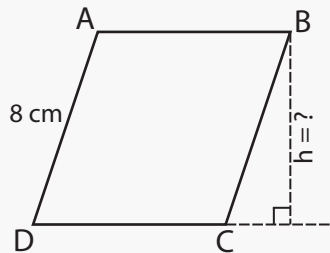
Area: 48 cm^2
Height: **6 cm**

DEFG is a Parallelogram

D — 7 cm — E
h = ?
8 cm
G — F
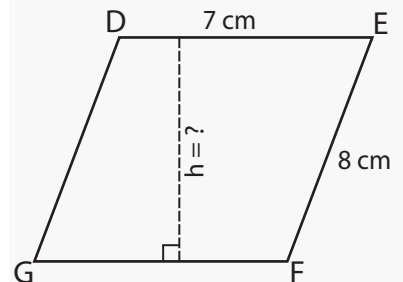
Area: 42 cm^2
Height: **6 cm**

OPQR is a Rhombus

O — 5 cm — P
h = ?
R — Q
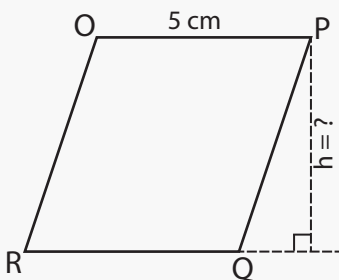
Area: 25 cm^2
Height: **5 cm**

NOPQ is a Parallelogram

N — 8 cm — O
h = ?
7 cm
Q — P
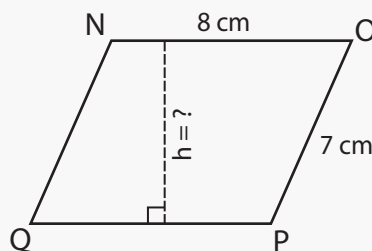
Area: 56 cm^2
Height: **7 cm**

KLMN is a Trapezium

K — 7 cm — L
h = ?
N — 9 cm — M

Area: 48 cm^2
Height: **6 cm**