Practice with Angles

Table A		
1	∠A is	Acute Right Obtuse
2	∠G is	Acute Right Obtuse
3	∠U is	Acute Right Obtuse
4	∠X is	Acute Right Obtuse

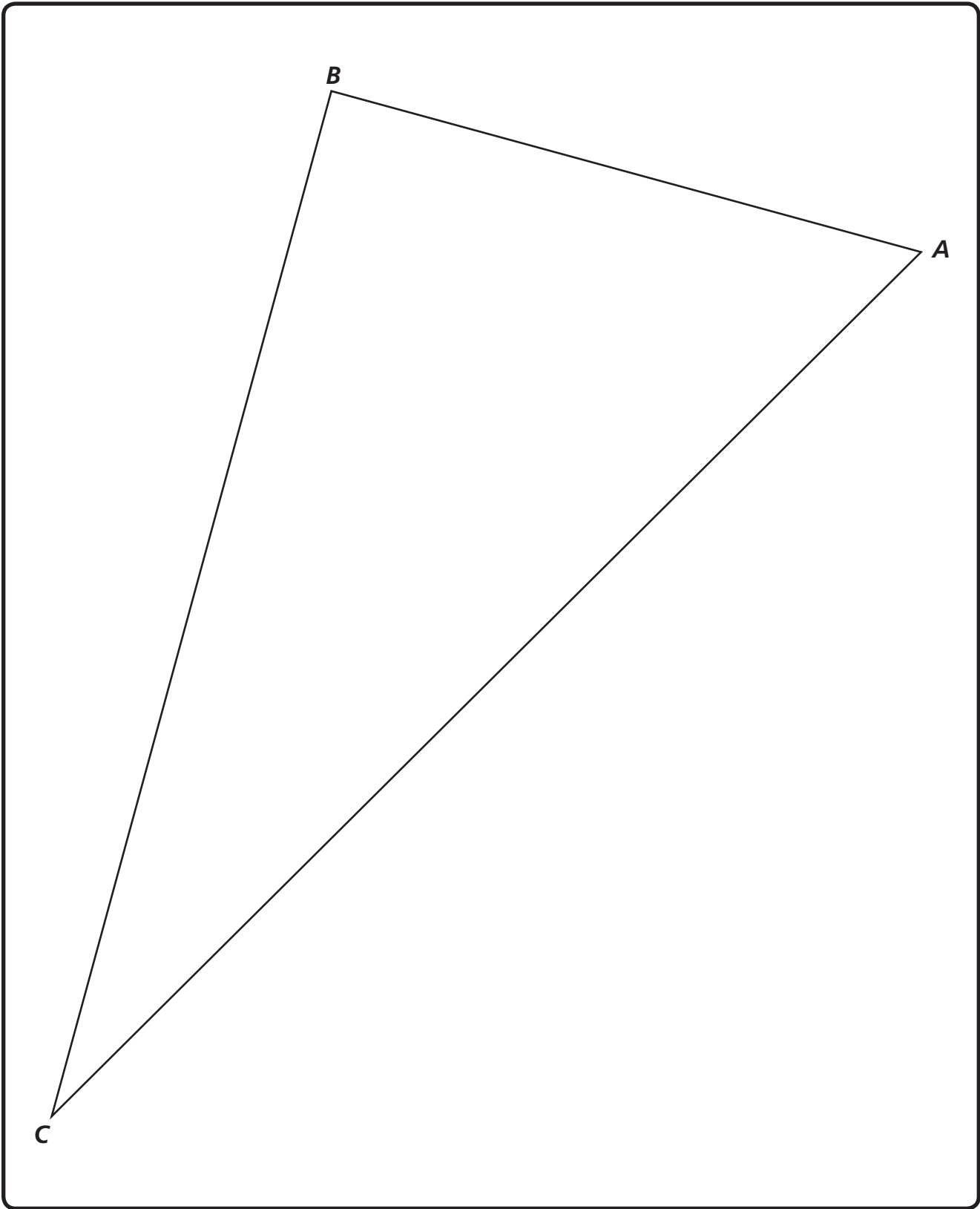| Table B	
Angle	**Measure**
5	∠A	
6	∠G	
7	∠U	
8	∠X	

Triangle Maze

START	0 congruent sides	at least 2 congruent sides	3 congruent angles	at least 2 congruent sides	FINISH	0 congruent angles
at least 2 congruent sides	0 congruent angles	at least 2 congruent angles	0 congruent sides	3 congruent sides	FINISH	0 congruent sides
at least 2 congruent angles	at least 2 congruent angles	0 congruent sides	at least 2 congruent sides	0 congruent sides	FINISH	at least 2 congruent angles
0 congruent angles	0 congruent sides	at least 2 congruent sides	0 congruent angles	0 congruent angles	FINISH	0 congruent sides
0 congruent sides	at least 2 congruent angles	0 congruent angles	at least 2 congruent angles	3 congruent angles	FINISH	at least 2 congruent sides
START	at least 2 congruent sides	0 congruent angles	3 congruent sides	0 congruent angles	FINISH	0 congruent angles

Spinner sections: Scalene triangle, Equilateral triangle, Isosceles triangle, Scalene triangle, Isosceles triangle

Scalene

Isosceles
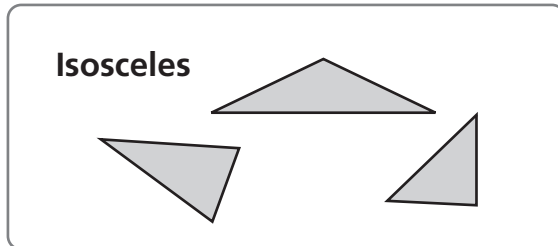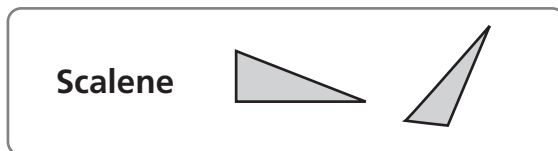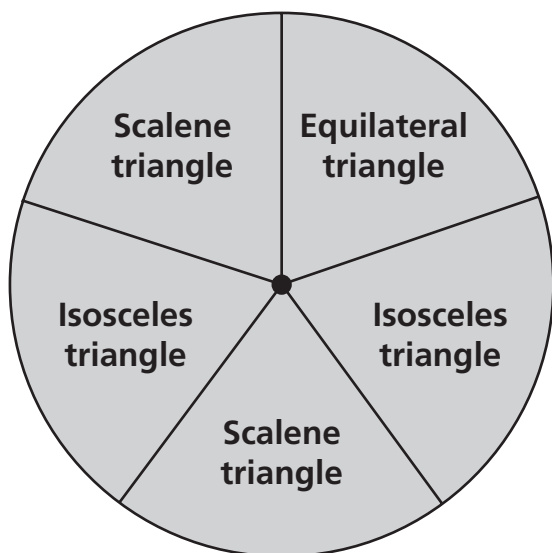
Equilateral
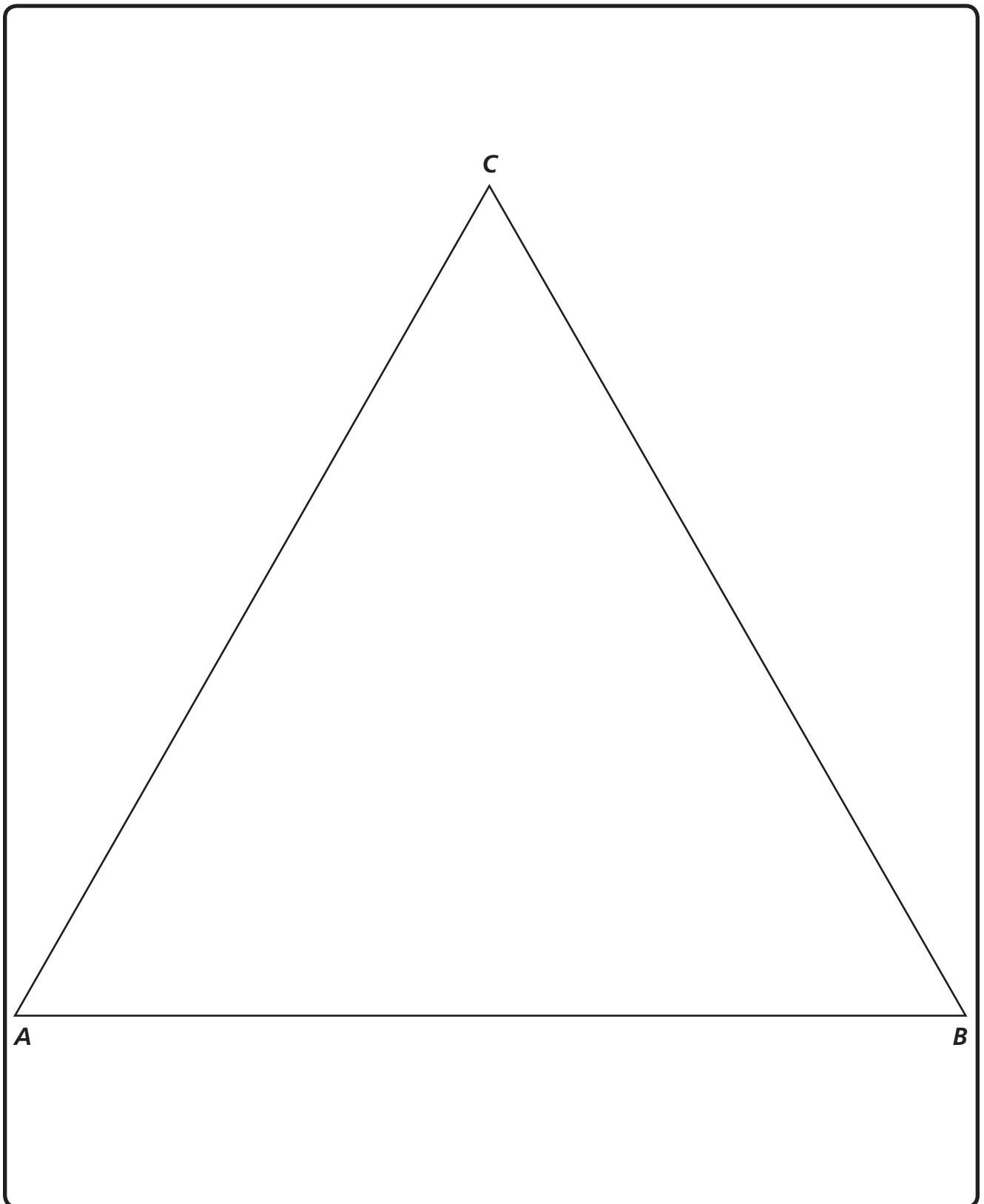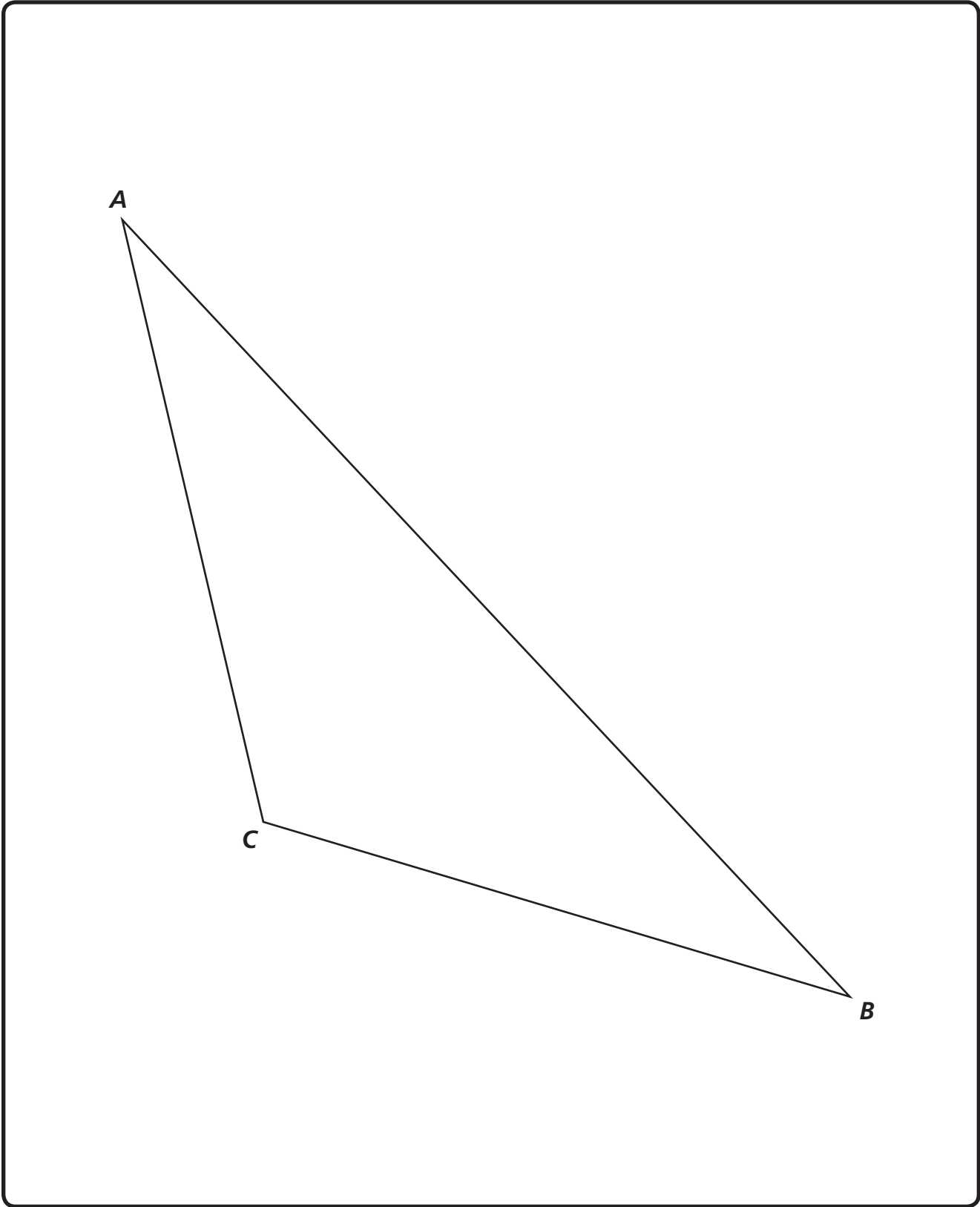
Measure Me—Triangle 1

Measure Me—Triangle 2

C

A   B

Measure Me—Triangle 3

Measure Me—Triangle 4
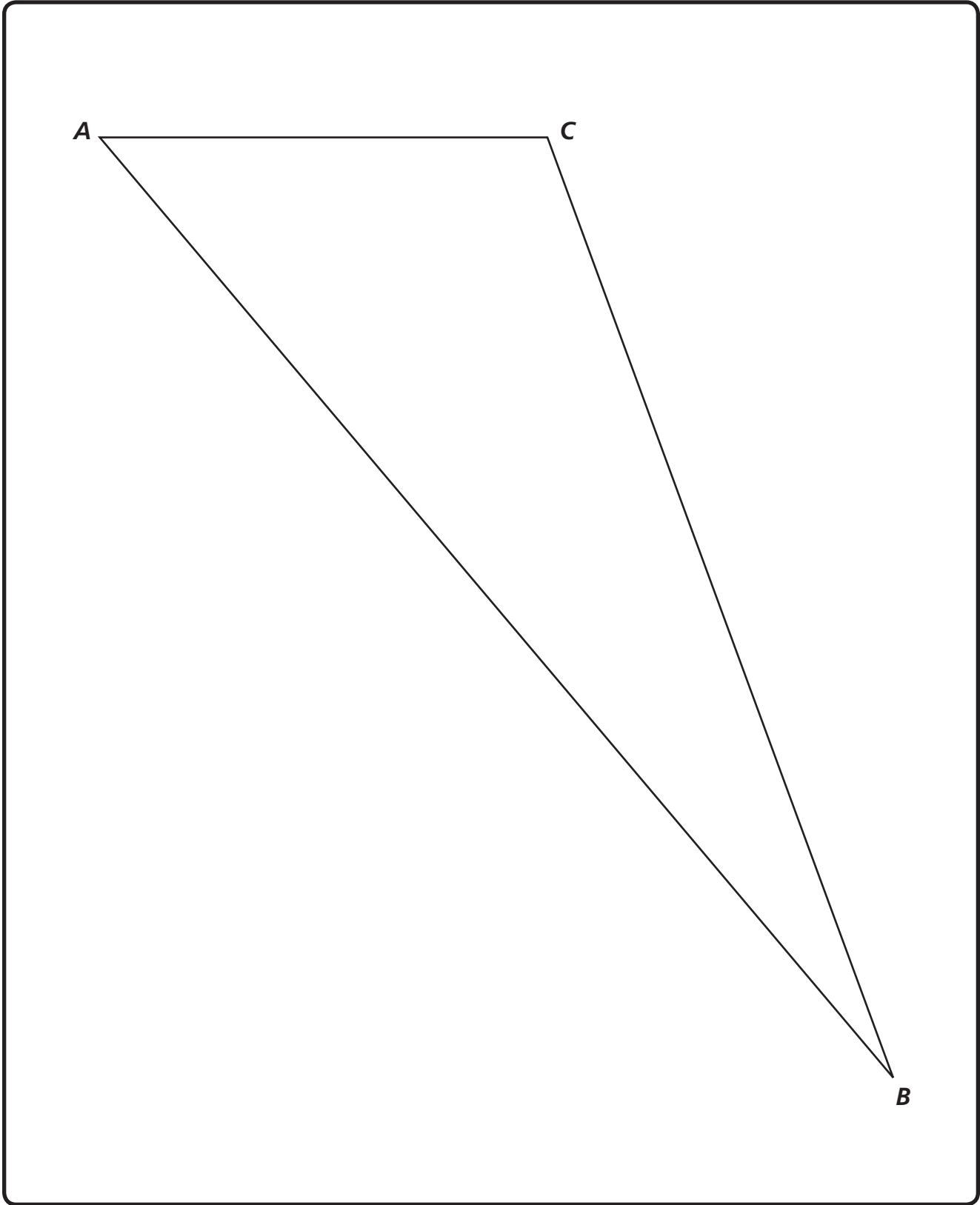
First to 360° Game Board 1

10 30	90 40	10 50
30 80	10 20	100 40
20 10	110 100	10 70
60 90	10 50	60 110
10 30	20 40	10 70

First to 360° Game Board 2

| | 30 | | 80 | | 10 |
| 10 | | 40 | | 50 | |

(triangular game board grid with numbers)

30 80 10
10 40 50
50 60 90
70 20 40
20 30 10
10 80 70
60 10 60
90 50 80
30 20 10
10 40 70

First to 360° Game Board 3

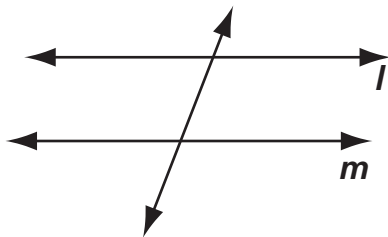|		
30	85	5
10	35	50
30	60	100
80	25	45
20	130	10
5	135	50
40	10	5
90	75	45
35	20	10
5	40	70

Hidden Trapezoids and Zs

How many trapezoids can you find? _____
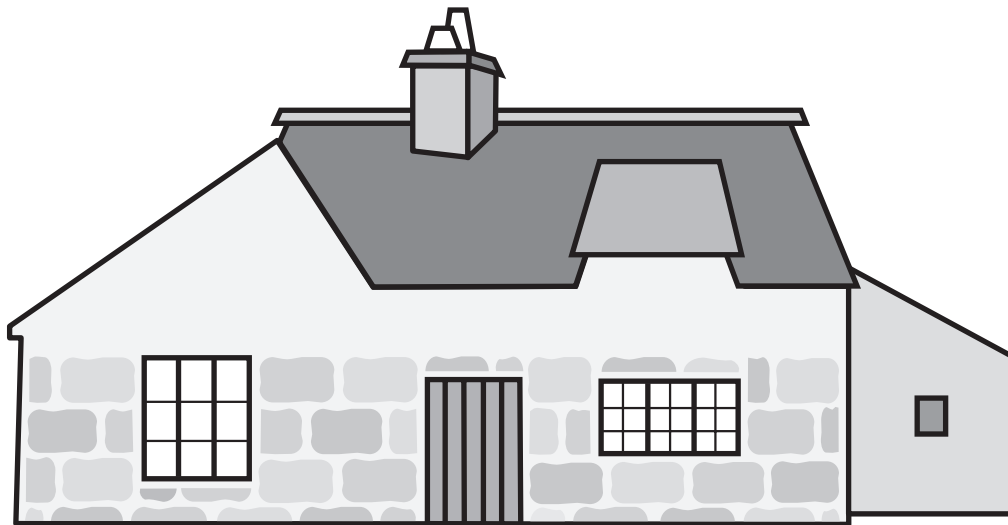
How many Zs can you find? *l* ∥ *m*

1

2
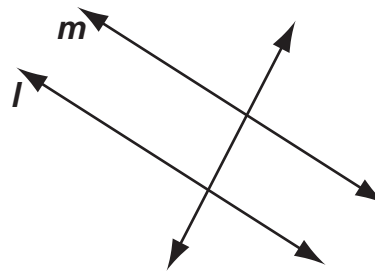
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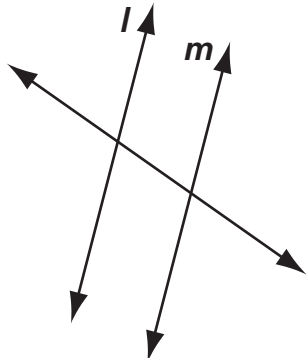
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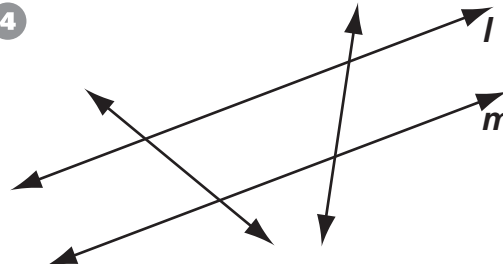
Drawing Another Intersecting Line

120°   60°

E   F

l

G   H

60°   120°

m

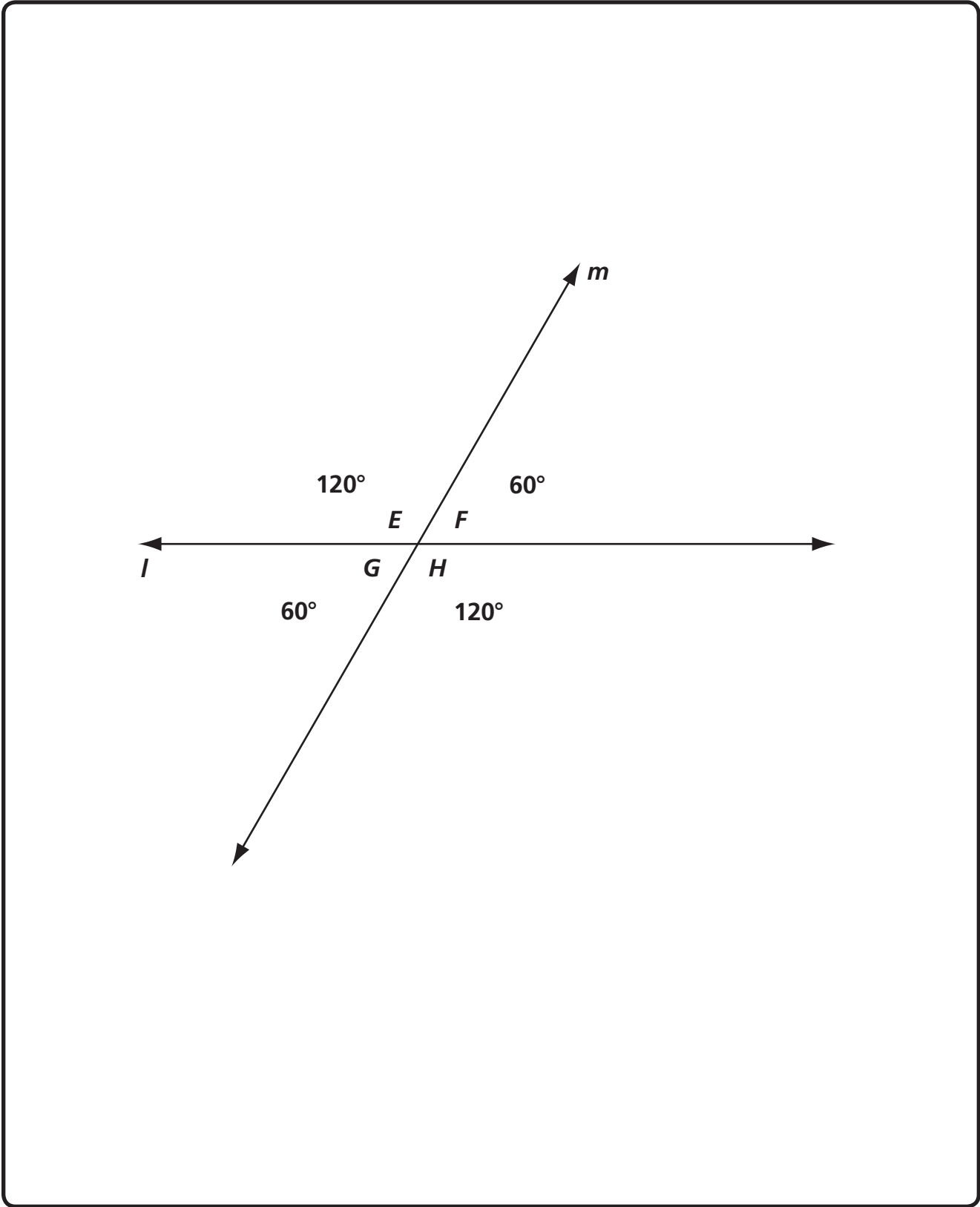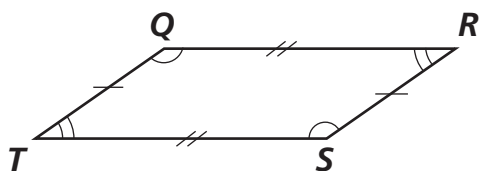# Classifying Quadrilaterals

1

Q   R

T   S

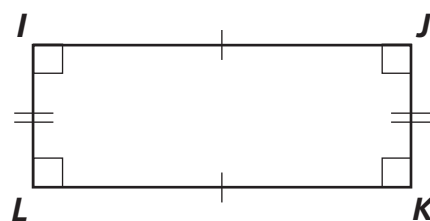$\overline{QR} \parallel \overline{ST}$

$\overline{QT} \parallel \overline{RS}$

2

I   J

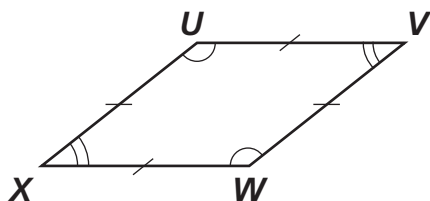L   K

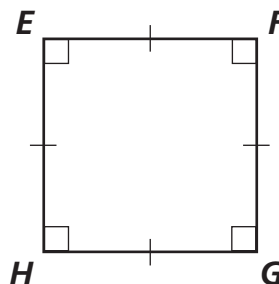$\overline{IJ} \parallel \overline{KL}$

$\overline{IL} \parallel \overline{JK}$

3

U   V

X   W

$\overline{UV} \parallel \overline{XW}$
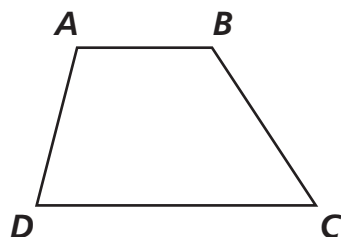
$\overline{UX} \parallel \overline{WV}$

4

E   F

H   G
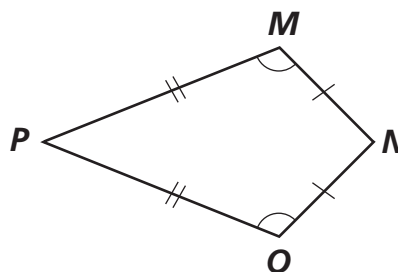
$\overline{EF} \parallel \overline{GH}$
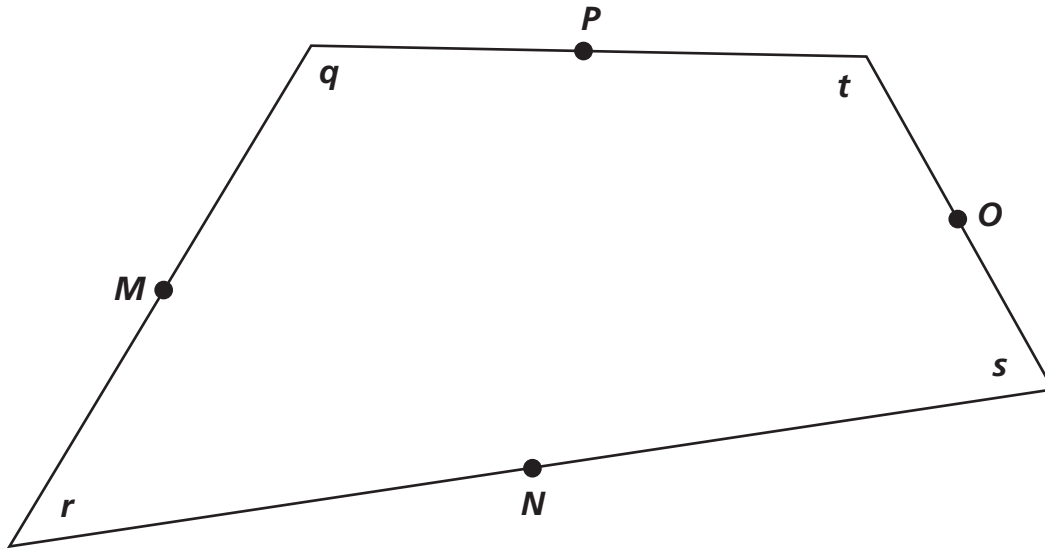
$\overline{EH} \parallel \overline{FG}$

5

A   B

D   C

$\overline{AB} \parallel \overline{DC}$

6

M

P   N

O

Quadrilateral Experiment — 1

P

q

t

O

M

s

r   N

Quadrilateral Experiment — 2

P

q

t

O

M

s

r   N

Quadrilateral Experiment — 3

```
        P
   q         t

M •         • O

   r         s
        N
```

Quadrilateral Experiment — 4

```
        P
   q         t

M •         • O

   r         s
        N
```

Quadrilateral Experiment — 5

q

M•   •P

r

t

•N   •O

s

Quadrilateral Experiment — 6

q

M•   •P

r

t

•N   •O

s

Quadrilateral Experiment — 7

P

q

t

M ●

● O

r

s

● N

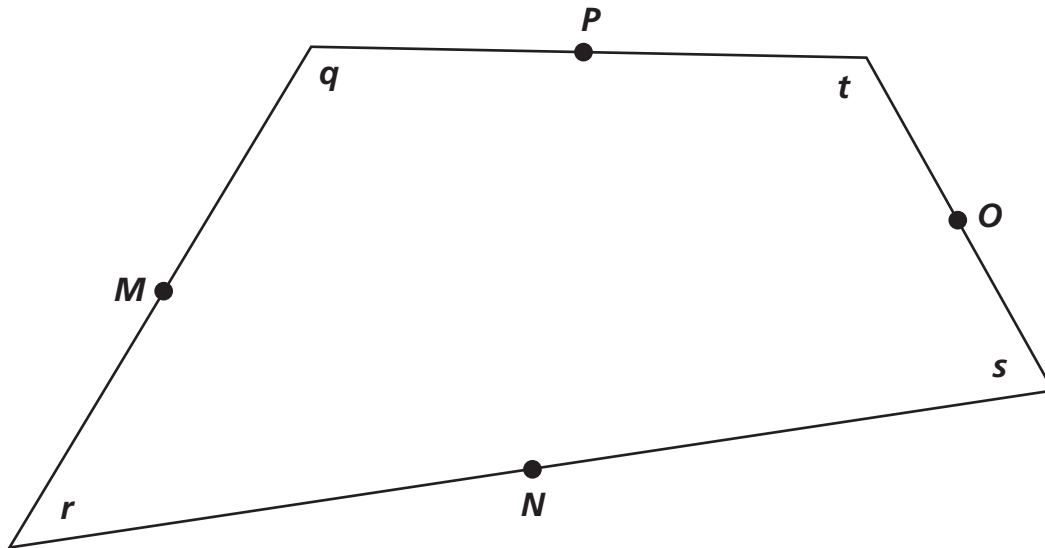# Quadrilateral Experiment — 8

P

q

t

M ●

● O

r

s

● N

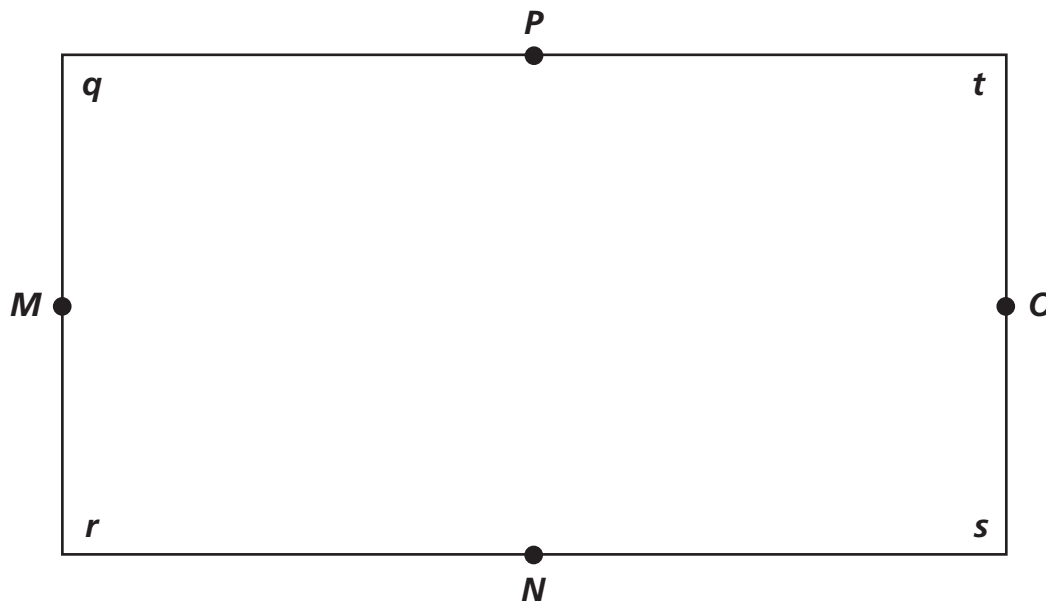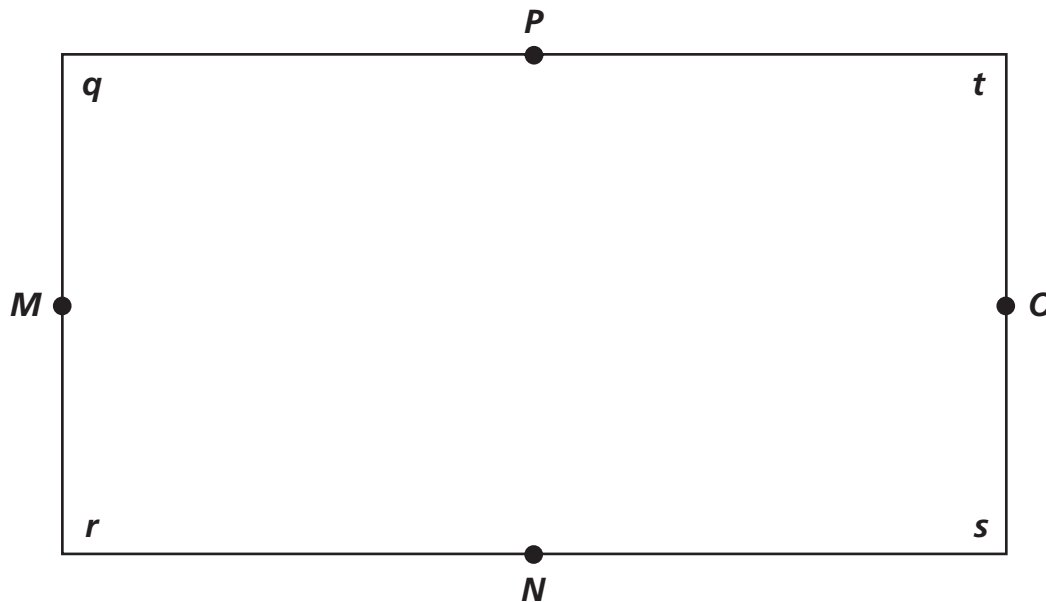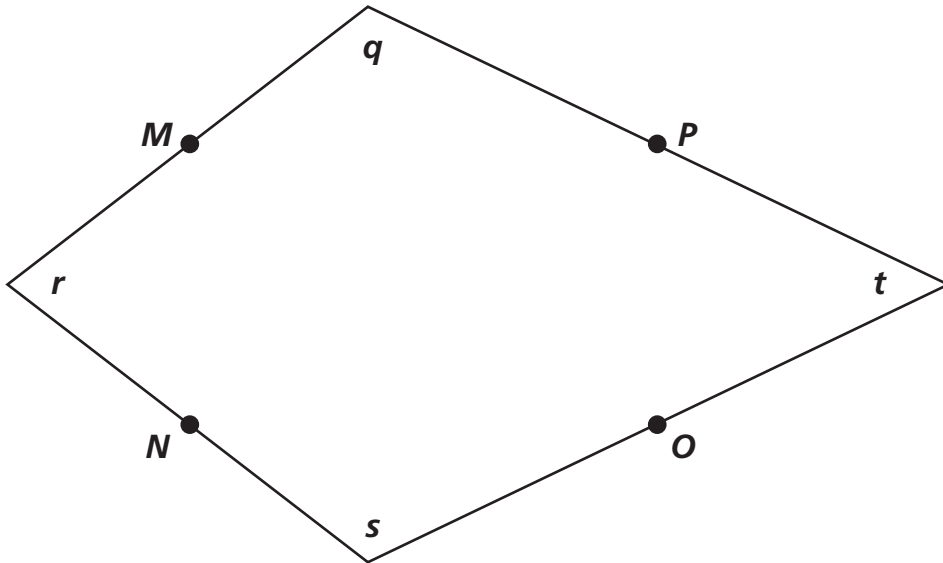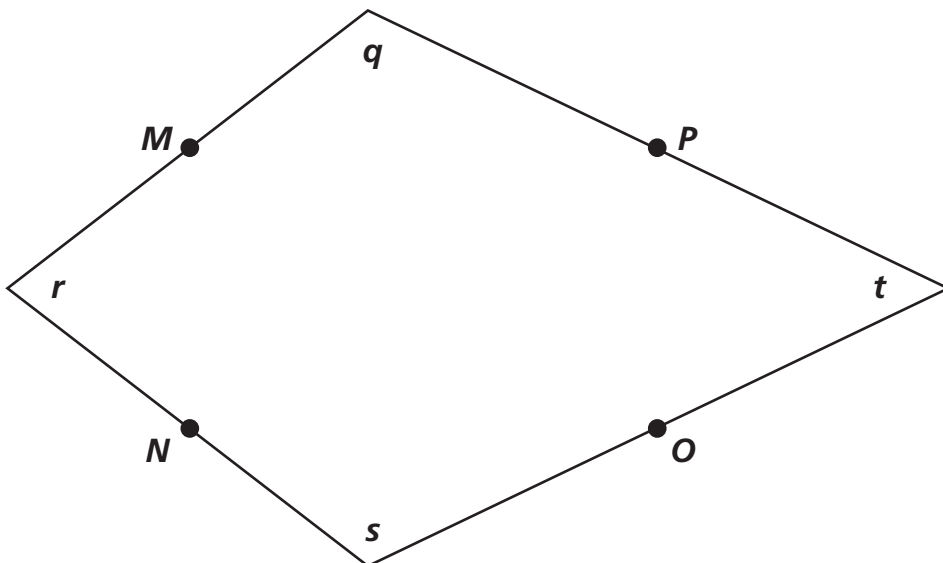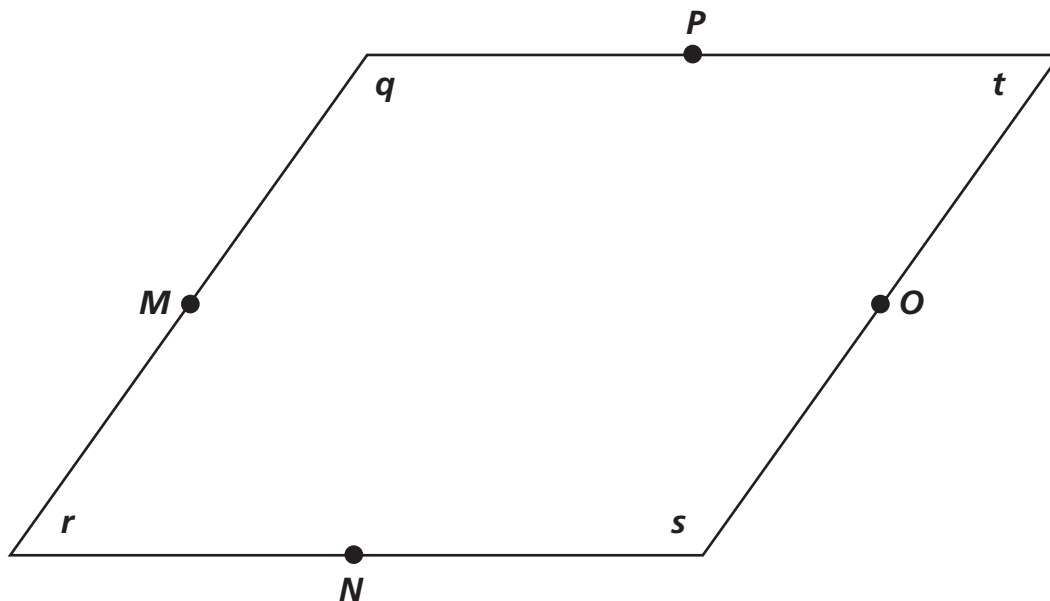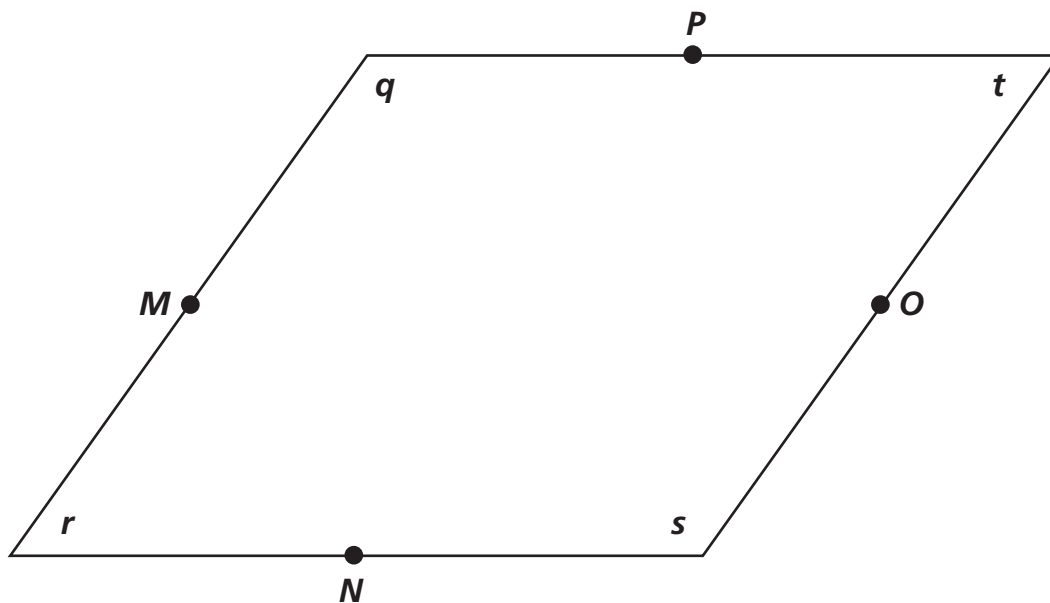# Quadrilateral Experiment — 9
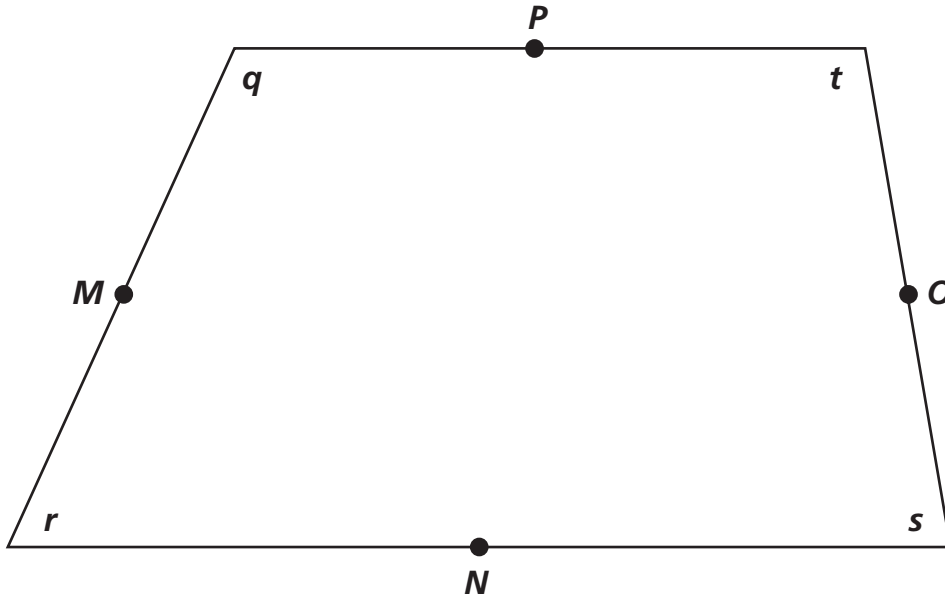
Quadrilateral Experiment — 10
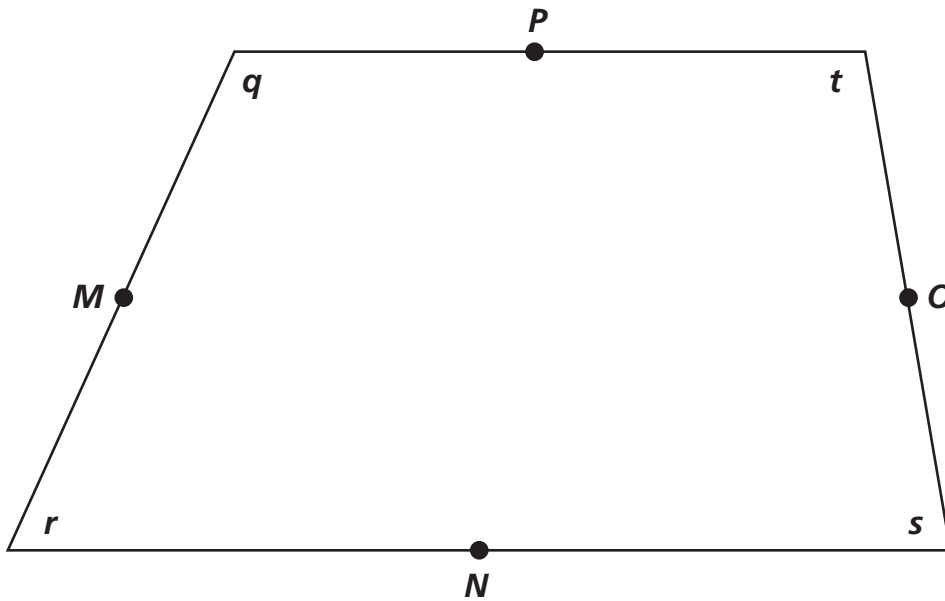
Quadrilateral Name Game — Name Cards

Quadrilateral	Kite	Kite	Kite
Trapezoid	Trapezoid	Trapezoid	Rhombus
Parallelogram	Parallelogram	Parallelogram	Parallelogram
Rectangle	Rectangle	Rectangle	Square

Quadrilateral Name Game — Attribute Cards

0 pairs of parallel sides	2 pairs of perpendicular sides	4 congruent angles	4 congruent angles
1 pair of parallel sides	2 pairs of parallel sides	4 congruent sides	4 congruent sides
2 pairs of parallel sides	2 pairs of parallel sides	2 pairs of congruent sides	2 pairs of congruent sides
4 sides	2 pairs of perpendicular sides	2 pairs of congruent sides	2 pairs of congruent sides

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