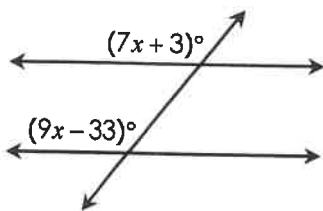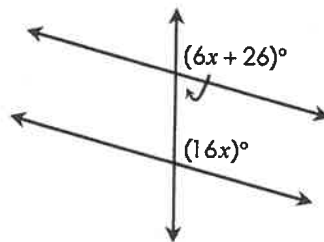# GEOMETRY ESCAPE

Challenge B

Directions: Solve each problem. Assume all lines that appear to be parallel are parallel. Shade circles that contain your answers. If an answer appears more than once, shade each circle.
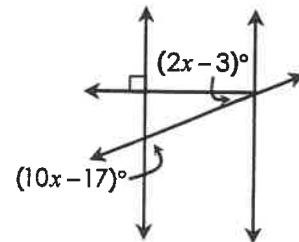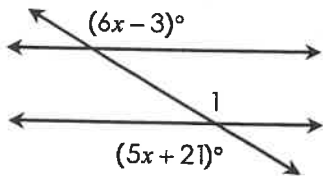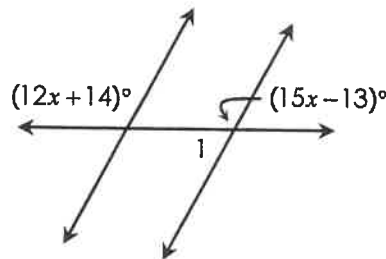
1. Solve for x:

$(7x+3)°$

$(9x-33)°$

2. Solve for x:

$(6x+26)°$

$(16x)°$

3. Solve for x:

$(2x-3)°$

$(10x-17)°$

4. Find $m\angle 1$.

$(6x-3)°$

1

$(5x+21)°$

5. Find $m\angle 1$.

$(12x+14)°$ $(15x-13)°$

1

6. Find $m\angle 1$.

$(5x+6)°$ 1

$(7x-18)°$

7. Solve for x:

$(3x-2)°$

$(14x-19)°$

$(9x+7)°$

8. Find $m\angle C$.

B

$(9x-2)°$

$(19x-3)°$

A C

55°	24	94°	7	4
11	141°	16	39°	115°
15	73°	7	58°	122°
9	12	86°	13	34°
135°	86°	18	12	61°
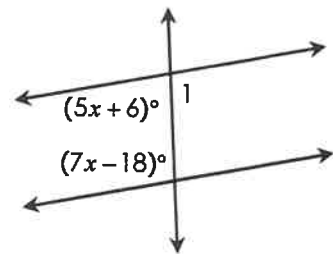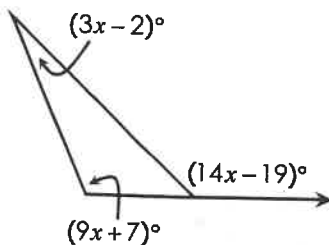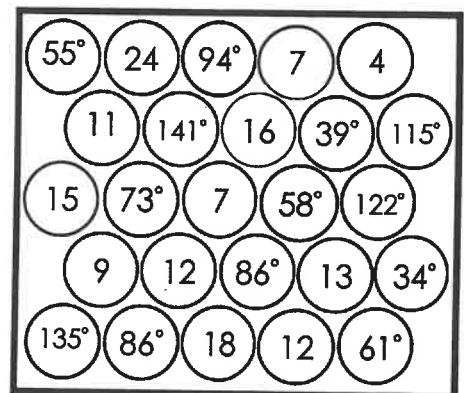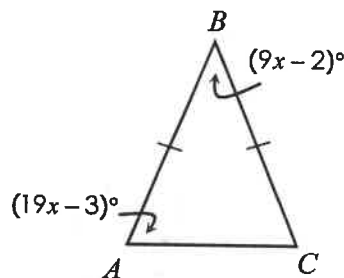
CRACK THE CODE:

A number will appear when you shade the answers.
The code is this number to the fifth power.

Geometry
Escape B

Show all your work!

Name _____
Stephanides / Cahoone per ___

①

②

③

④

⑤

⑥