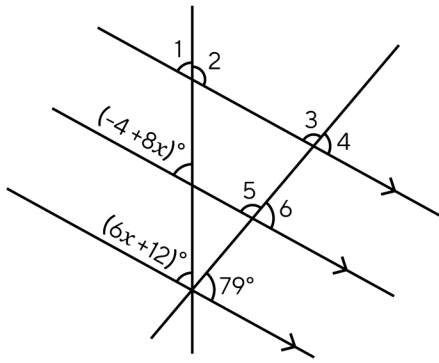


Parallel Lines Practice

Solve and find the value of the angles.

1.



$$x = \underline{\hspace{2cm}}$$

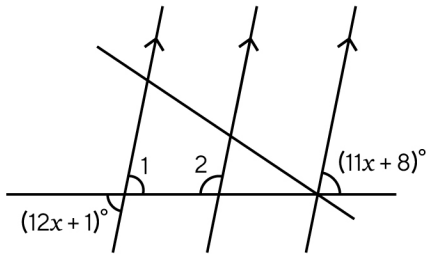
$$(-4 + 8x)^\circ = \underline{\hspace{2cm}} \quad \angle 3 = \underline{\hspace{2cm}}$$

$$(6x + 12)^\circ = \underline{\hspace{2cm}} \quad \angle 4 = \underline{\hspace{2cm}}$$

$$\angle 1 = \underline{\hspace{2cm}} \quad \angle 5 = \underline{\hspace{2cm}}$$

$$\angle 2 = \underline{\hspace{2cm}} \quad \angle 6 = \underline{\hspace{2cm}}$$

2.

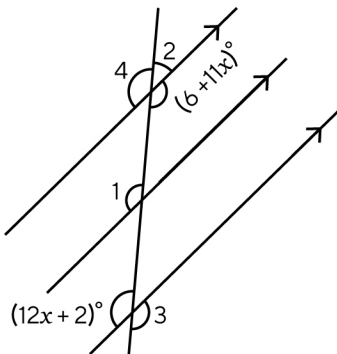


$$x = \underline{\hspace{2cm}}$$

$$(12x + 1)^\circ = \underline{\hspace{2cm}} \quad \angle 1 = \underline{\hspace{2cm}}$$

$$(11x + 8)^\circ = \underline{\hspace{2cm}} \quad \angle 2 = \underline{\hspace{2cm}}$$

3.



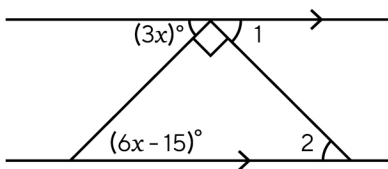
$$x = \underline{\hspace{2cm}}$$

$$(6 + 11x)^\circ = \underline{\hspace{2cm}} \quad \angle 2 = \underline{\hspace{2cm}}$$

$$(12x + 2)^\circ = \underline{\hspace{2cm}} \quad \angle 3 = \underline{\hspace{2cm}}$$

$$\angle 1 = \underline{\hspace{2cm}} \quad \angle 4 = \underline{\hspace{2cm}}$$

4.

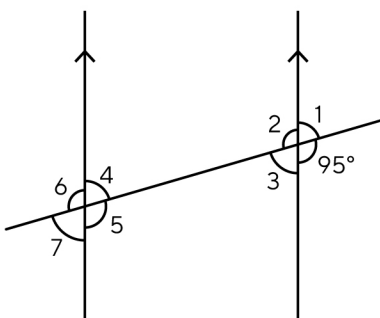


$$x = \underline{\hspace{2cm}}$$

$$(3x)^\circ = \underline{\hspace{2cm}} \quad \angle 1 = \underline{\hspace{2cm}}$$

$$(6x - 15)^\circ = \underline{\hspace{2cm}} \quad \angle 2 = \underline{\hspace{2cm}}$$

5.



$$\angle 1 = \underline{\hspace{2cm}} \quad \angle 5 = \underline{\hspace{2cm}}$$

$$\angle 2 = \underline{\hspace{2cm}} \quad \angle 6 = \underline{\hspace{2cm}}$$

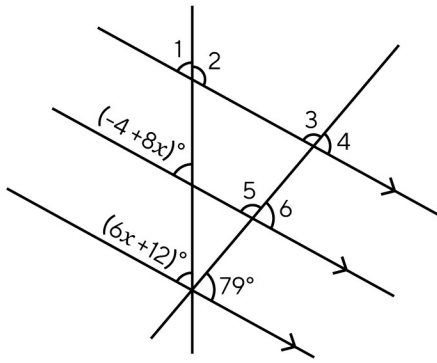
$$\angle 3 = \underline{\hspace{2cm}} \quad \angle 7 = \underline{\hspace{2cm}}$$

$$\angle 4 = \underline{\hspace{2cm}}$$

Parallel Lines Practice

Answers

1.



$$x = \underline{8^\circ}$$

$$(-4 + 8x)^\circ = \underline{60^\circ}$$

$$(6x + 12)^\circ = \underline{60^\circ}$$

$$\angle 1 = \underline{60^\circ}$$

$$\angle 2 = \underline{120^\circ}$$

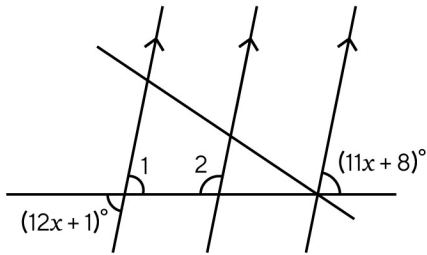
$$\angle 3 = \underline{101^\circ}$$

$$\angle 4 = \underline{79^\circ}$$

$$\angle 5 = \underline{101^\circ}$$

$$\angle 6 = \underline{79^\circ}$$

2.



$$x = \underline{7^\circ}$$

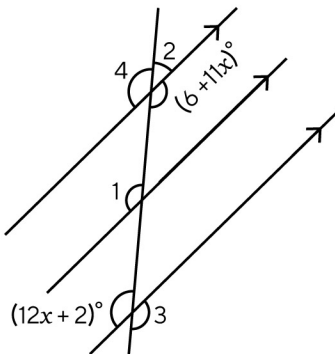
$$(12x + 1)^\circ = \underline{85^\circ}$$

$$(11x + 8)^\circ = \underline{85^\circ}$$

$$\angle 1 = \underline{85^\circ}$$

$$\angle 2 = \underline{95^\circ}$$

3.



$$x = \underline{4^\circ}$$

$$(6 + 11x)^\circ = \underline{50^\circ}$$

$$(12x + 2)^\circ = \underline{50^\circ}$$

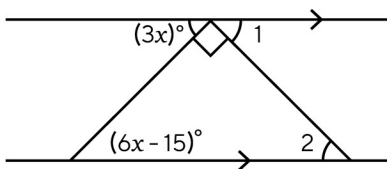
$$\angle 1 = \underline{50^\circ}$$

$$\angle 2 = \underline{130^\circ}$$

$$\angle 3 = \underline{50^\circ}$$

$$\angle 4 = \underline{50^\circ}$$

4.



$$x = \underline{5^\circ}$$

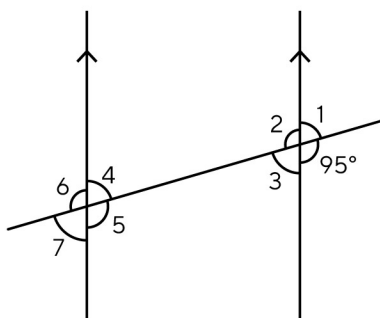
$$(3x)^\circ = \underline{15^\circ}$$

$$(6x - 15)^\circ = \underline{15^\circ}$$

$$\angle 1 = \underline{75^\circ}$$

$$\angle 2 = \underline{75^\circ}$$

5.



$$\angle 1 = \underline{85^\circ}$$

$$\angle 2 = \underline{95^\circ}$$

$$\angle 3 = \underline{85^\circ}$$

$$\angle 4 = \underline{85^\circ}$$

$$\angle 5 = \underline{95^\circ}$$

$$\angle 6 = \underline{95^\circ}$$

$$\angle 7 = \underline{85^\circ}$$