

Name: _____

(KEY)

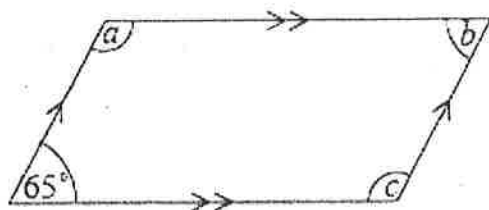
Date: _____

Blk: _____

Chapter 3 - Missing Angles Worksheet

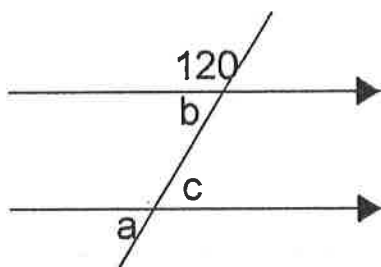
Find all missing angles.

1. Find the size of the three unknown angles in the parallelogram opposite:



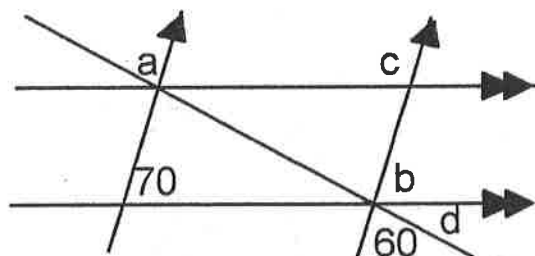
$a = 115^\circ$
 $b = 65^\circ$
 $c = 115^\circ$

- 2.



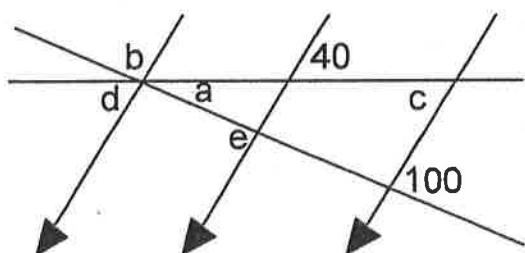
$a = 60^\circ$
 $b = 60^\circ$
 $c = 60^\circ$

- 3.



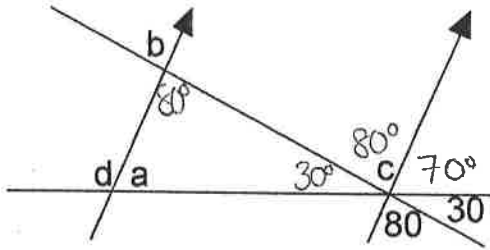
$a = 60^\circ$
 $b = 70^\circ$
 $c = 110^\circ$
 $d = 50^\circ$

- 4.



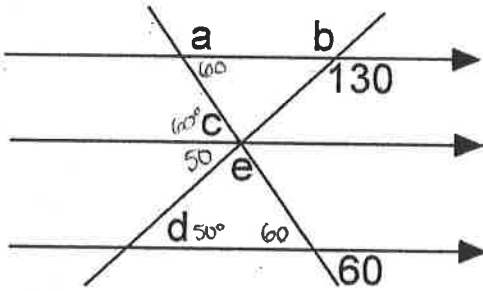
$a = 60^\circ$
 $b = 80^\circ$
 $c = 40^\circ$
 $d = 40^\circ$
 $e = 100^\circ$

5.



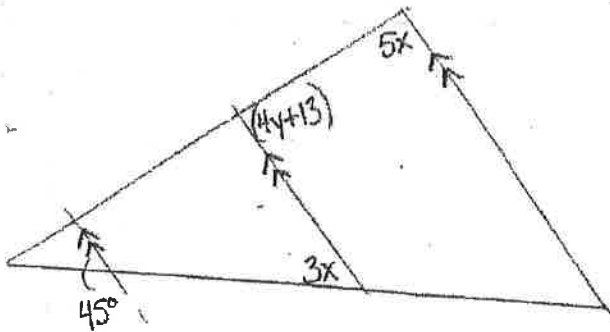
$a = 70^\circ$
$b = 80^\circ$
$c = 80^\circ$
$d = 110^\circ$

6.



$a = 120^\circ$
$b = 130^\circ$
$c = 60^\circ$
$d = 50^\circ$
$e = 70^\circ$

7.



$$\frac{3x}{3} = \frac{45}{3}$$

$$x = 15$$

$$4y + 13 + 75 = 180$$

$$4y + 88 = 180$$

$$\begin{array}{r} -88 \\ -88 \end{array}$$

$$\frac{4y}{4} = \frac{92}{4}$$

$$y = 23$$

$x = 15$
$y = 23$

8. Write the equation of the line represented by the table.

x	y
2	1.40
4	2.80
6	4.20
8	5.60

$$m = \frac{2.80 - 1.40}{4 - 2} = \frac{1.40}{2} = .70$$

$$1.4 = .7(2) + b$$

$$1.4 = 1.4 + b$$

$$\begin{array}{r} -1.4 \\ -1.4 \end{array}$$

$$0 = b$$

$y = .70x + 0$
or
$y = .7x$