1. Match the facts.


Degrees in 2 right
angles


Degrees on 2
straight lines

2. True or false?
a.

b

## $49^{\circ}+132^{\circ}=180^{\circ}$

3. Calculate the missing angles


4a. Erik is measuring angles on a straight line.
He says:
There are three
Could he be right?
Explain how you know.

4b. Kristi is measuring angles on a straight line.

She says:


Could she be right?
Explain how you know.
5. Two of the angles below have lost a digit. What should the missing digits be?
a.


b

## Answers



2a. True
$2 b$. False as $139 o+132 o=181 o$
3a. 107o
3b. 49o
3c. 370
4a. Erik cannot be right as his angles total 170o .
4b. Kristi could be right as her angles total 180o .
5a. The missing digits could be $-100+57,101+56,102+55, \ldots \ldots, 107+50-$ these 2 numbers must equal 157
5b. The missing digits are a 0 and a 1

