Please work your way through these, skipping to the next sheet if you do not feel challenged enough. 3 is the most challenging.

1)

1) Match the answer to complete the sentence:

A straight line is made up of _____ right angles.
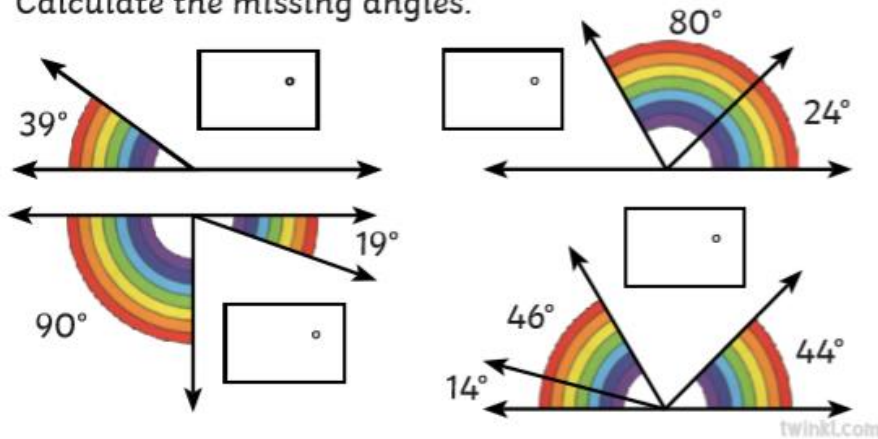A right angle is _____ degrees.
A straight line is _____ degrees.

(180)   (90)   (2)

2) Calculate the missing angles.

39°   [°]   [°]   80°   24°

90°   19°   [°]

46°   [°]   44°

14°

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2)

1) Jen says, "If I turn from 2 o'clock to 8
o'clock, this is a half turn – 180°".
Is Jen correct? Prove it!
What other turns can you identify on a
clock face that would be the same value of 180°?

2) Floria is describing angles on a straight line for her
friend to draw. She says one of the angles is 32°,
another is a right angle and the final angle is 68°.
Is Floria correct? Prove it!

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3)

Calculate the missing angles on this picture
and explain how you worked them out.

a = _____°.
I know this because ...
b = _____°.
I know this because ...
c = _____°.
I know this because ...
d = _____°.
I know this because ...
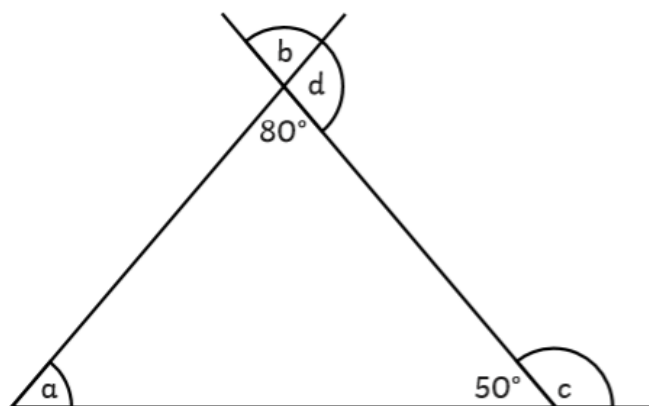
1) Create your own straight-line angle problem picture
like the one above.
Don't forget to label some of the angles
and work out the answers yourself!

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