Problem 1

I multiply my number by 27.
The product is 702.
What is my number?

Problem 2

1053 ÷ □ = 39

Problem 3

□ ÷ 19.2 = 14.5

Problem 4

□□ × 8 = 14□

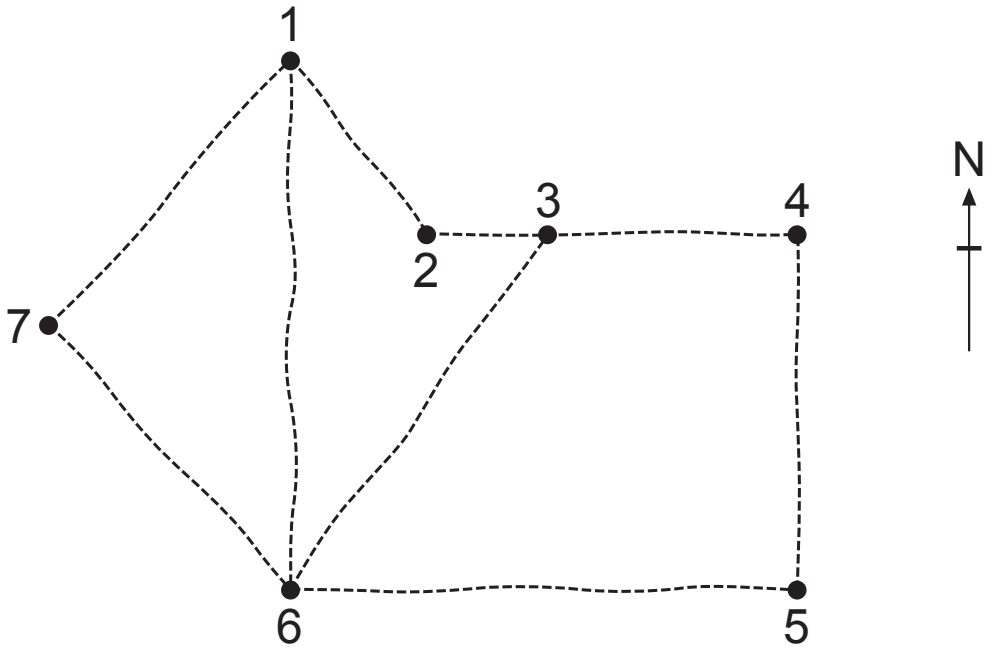
Problem 5

□□ × □ = 371

Problem 6

(1 + □) × △ = 100

The map shows 7 towns and the roads between them.



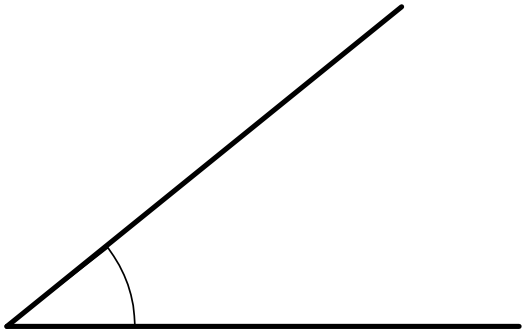
- Go south from town 1 to another town.
  Then go east to a different town.
  In which town are you? town ……

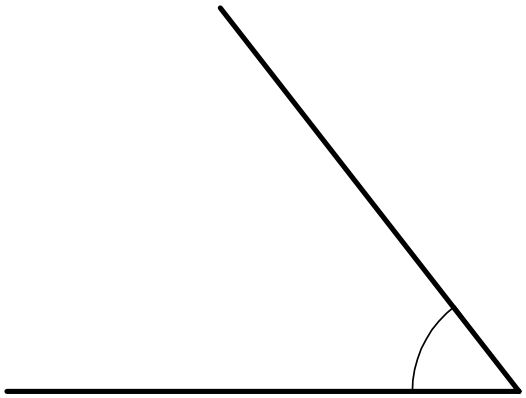
- Complete the missing directions.

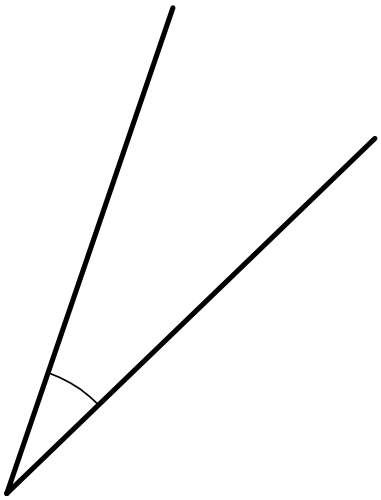
  Start at town 5. Go north to town 4.
  Go ..... to town 3.

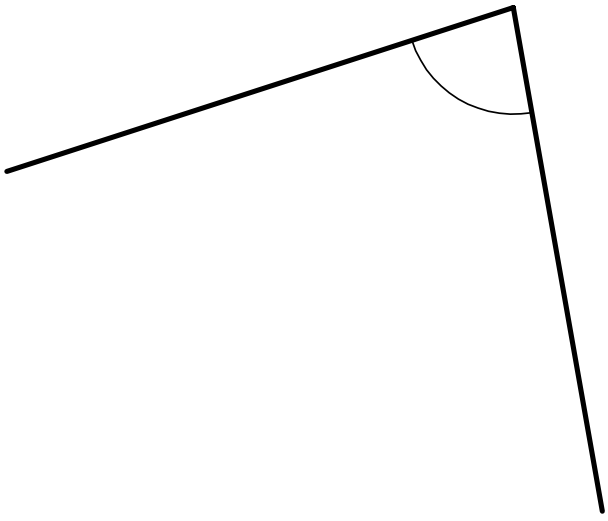
  Start at town 6. Go north-west to town 7.
  Then go ..... to town 1.

- Town 3 is west of where Khalid lives.
  In which town does Khalid live? town ……

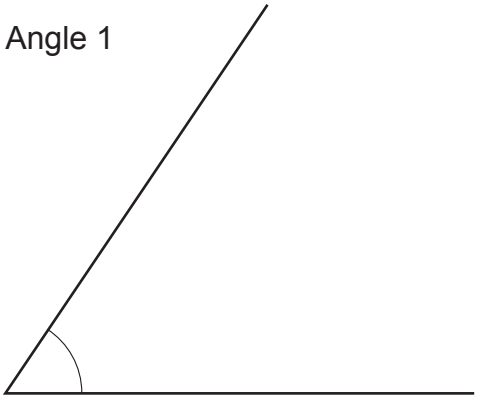




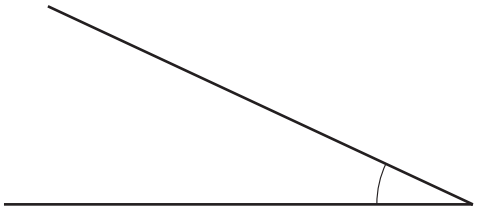




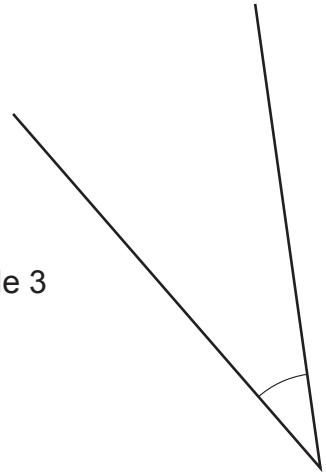
Angle 1



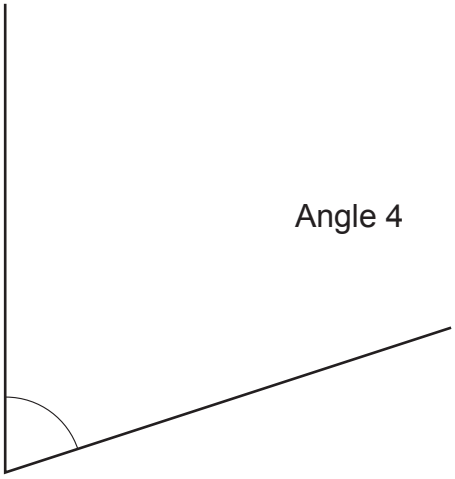
Angle 2



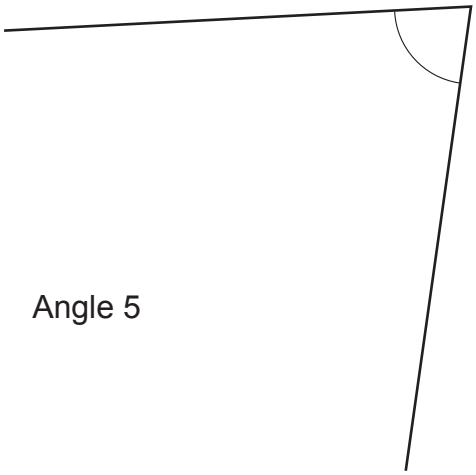
Angle 3



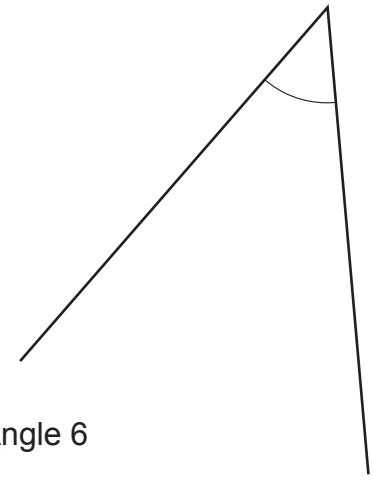
Angle 4



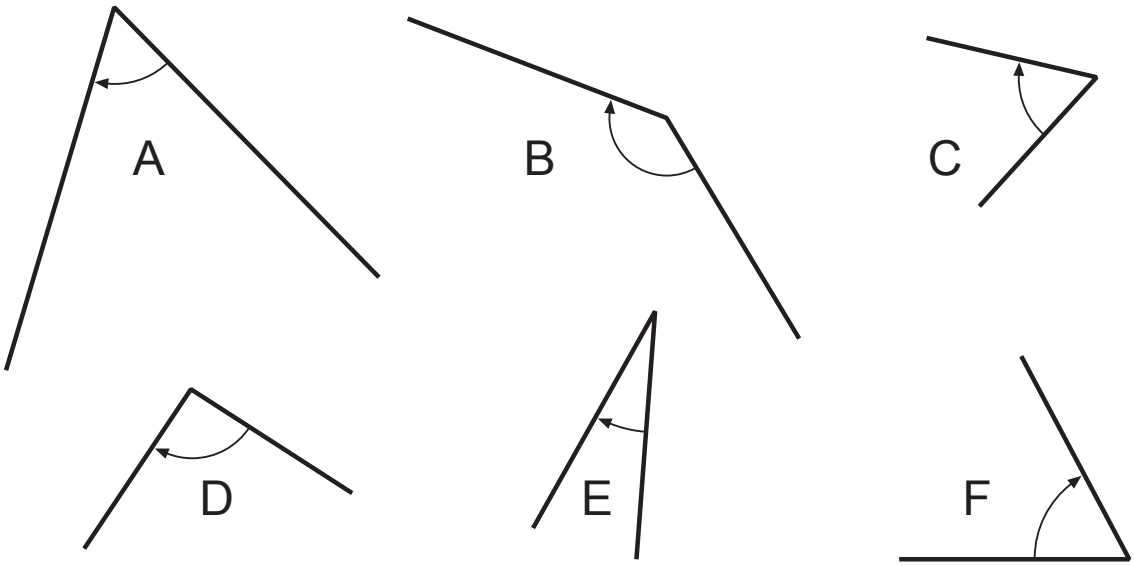
Angle 5



Angle 6



Look at these six angles.



Which is the smallest angle? .....

Which is a right angle? .....

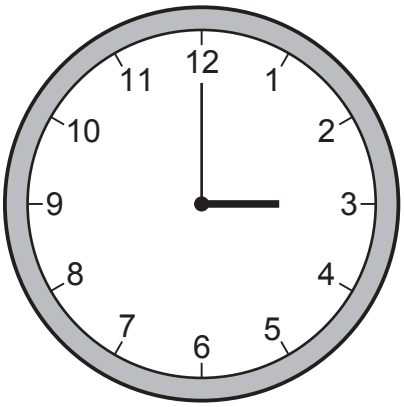
Which is an obtuse angle? .....

Which two angles are the same size? ..... and .....

Which angle measures 30°? .....

Which angle measures 140°? .....

The time on this clock is 3 o'clock.



What is the size of the angle between the hands:

at 3 o'clock? ..... degrees

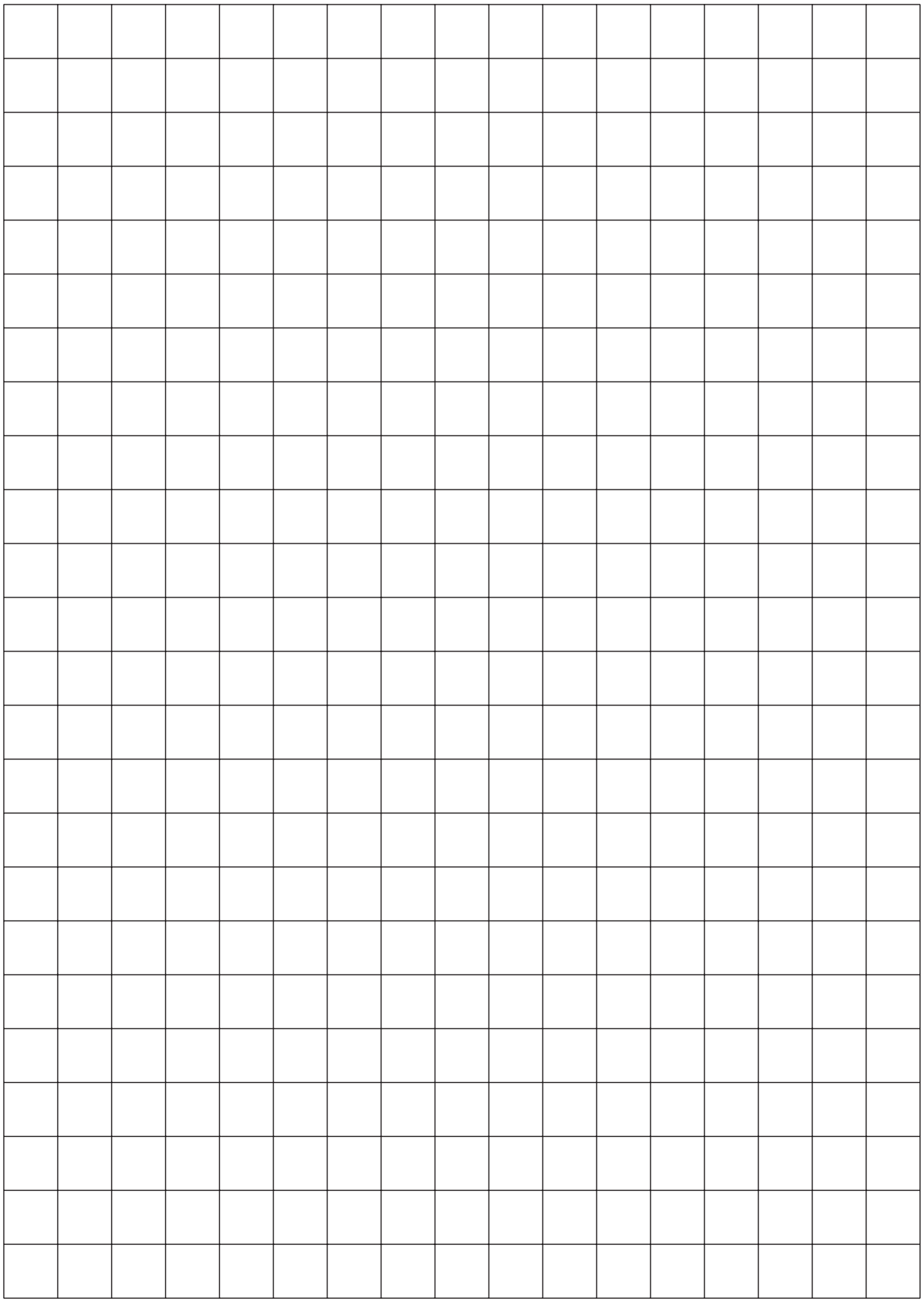
at 1 o'clock? ..... degrees

at 5 o'clock? ..... degrees

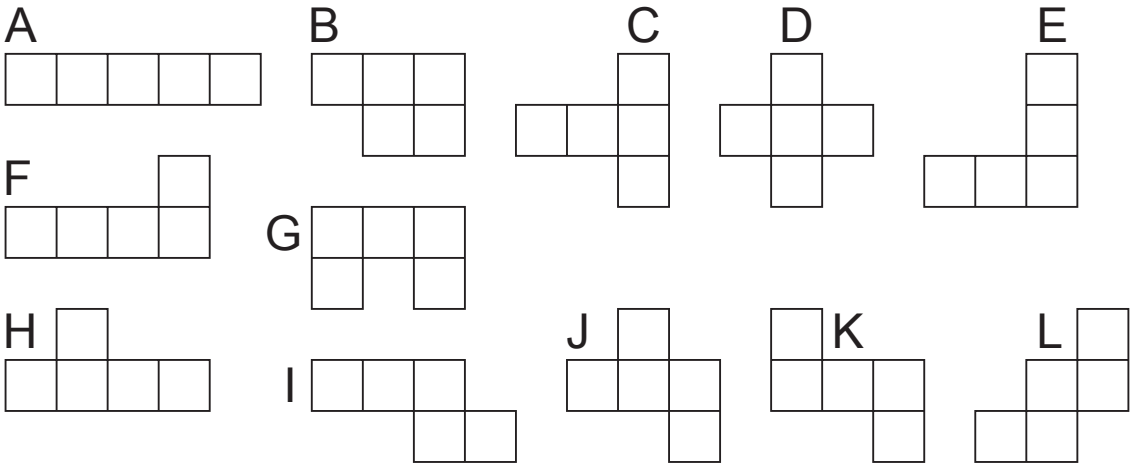
at 8 o'clock? ..... degrees

at half past 4? ..... degrees

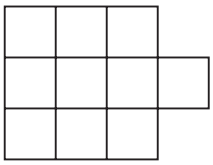
OHT 5.3a



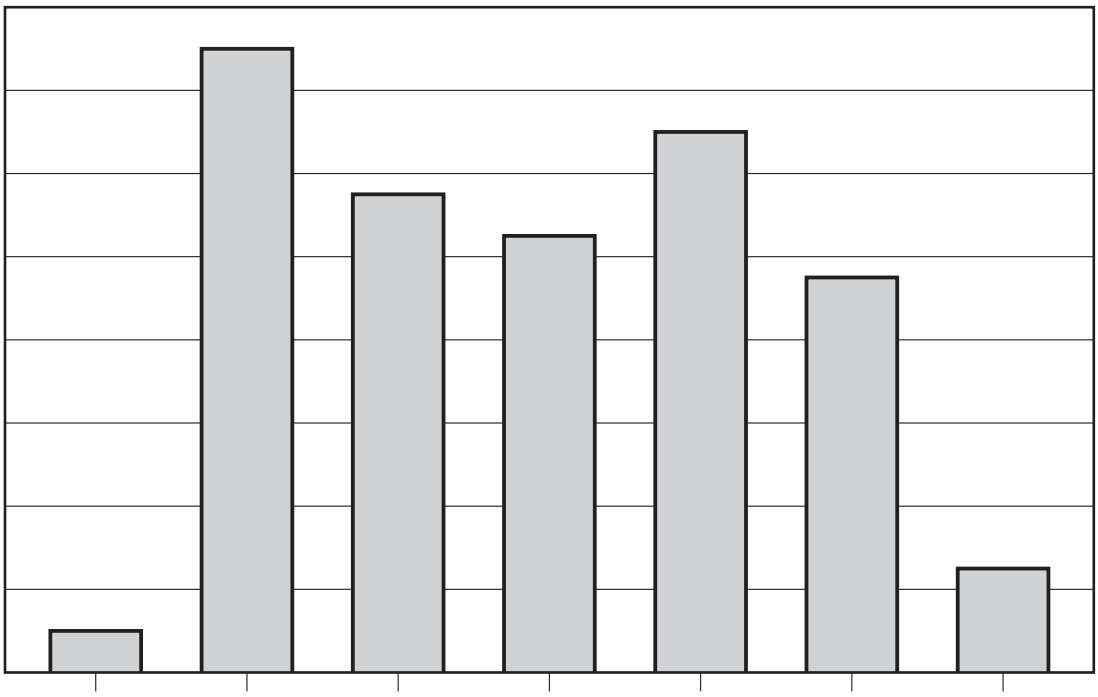
There are 12 different pentominoes.

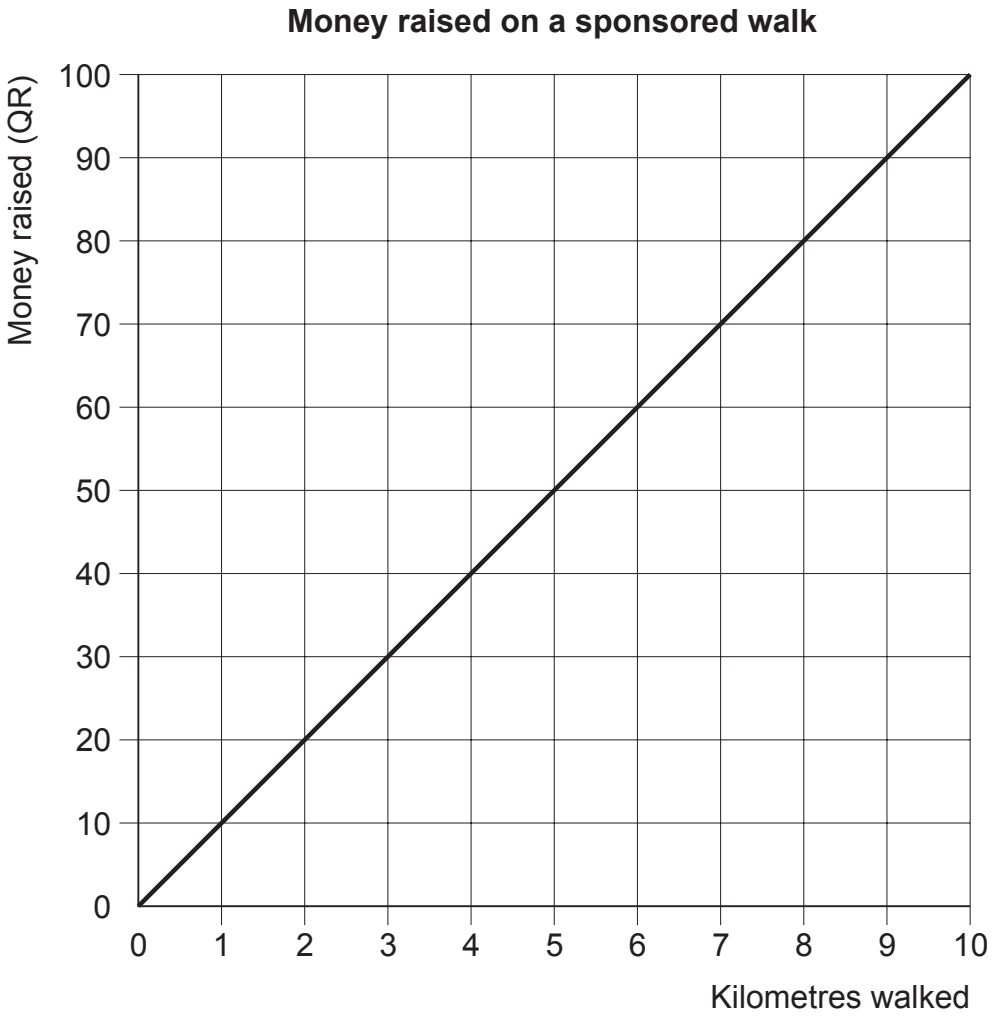


Which two pentominoes will fit into this shape?



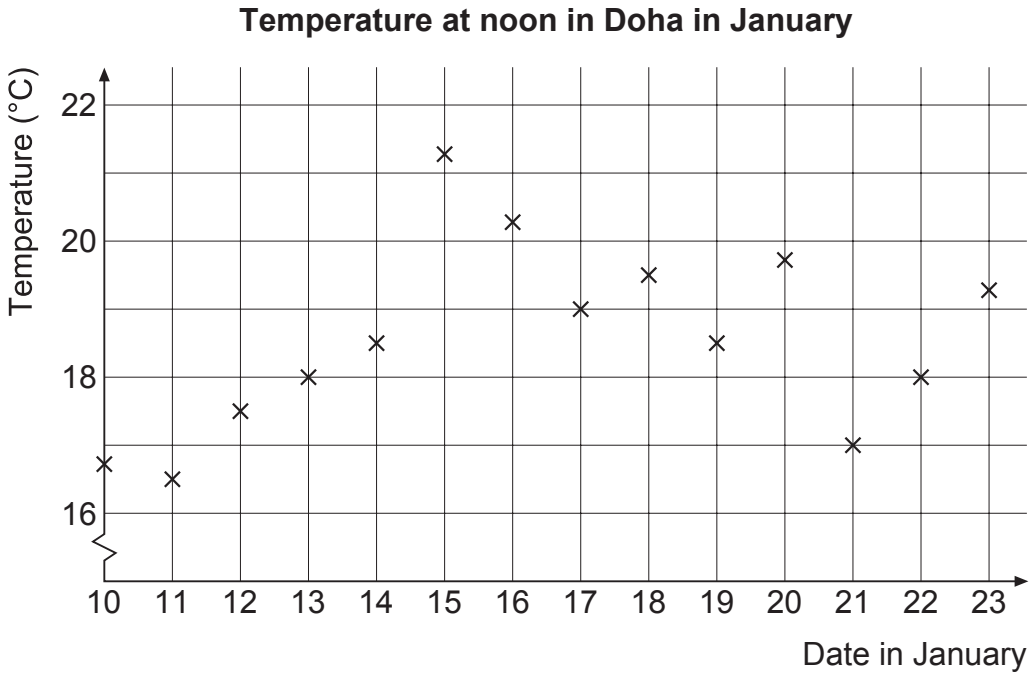
Investigate.





Resource 5.4c

This chart shows the air temperature at noon for two weeks in January.



For how many days was the temperature:

more than 19°C? ..... days

less than 18°C? ..... days

For the period 10–23 January, estimate:

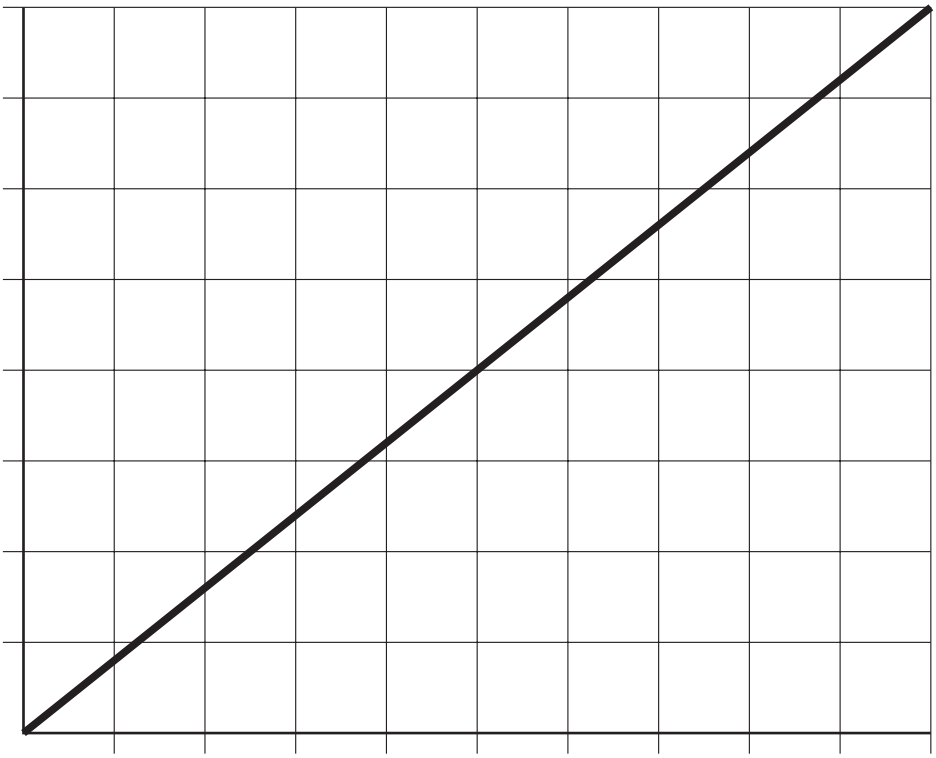
the highest temperature; .....ºC

the lowest temperature. .....ºC

Which date showed:

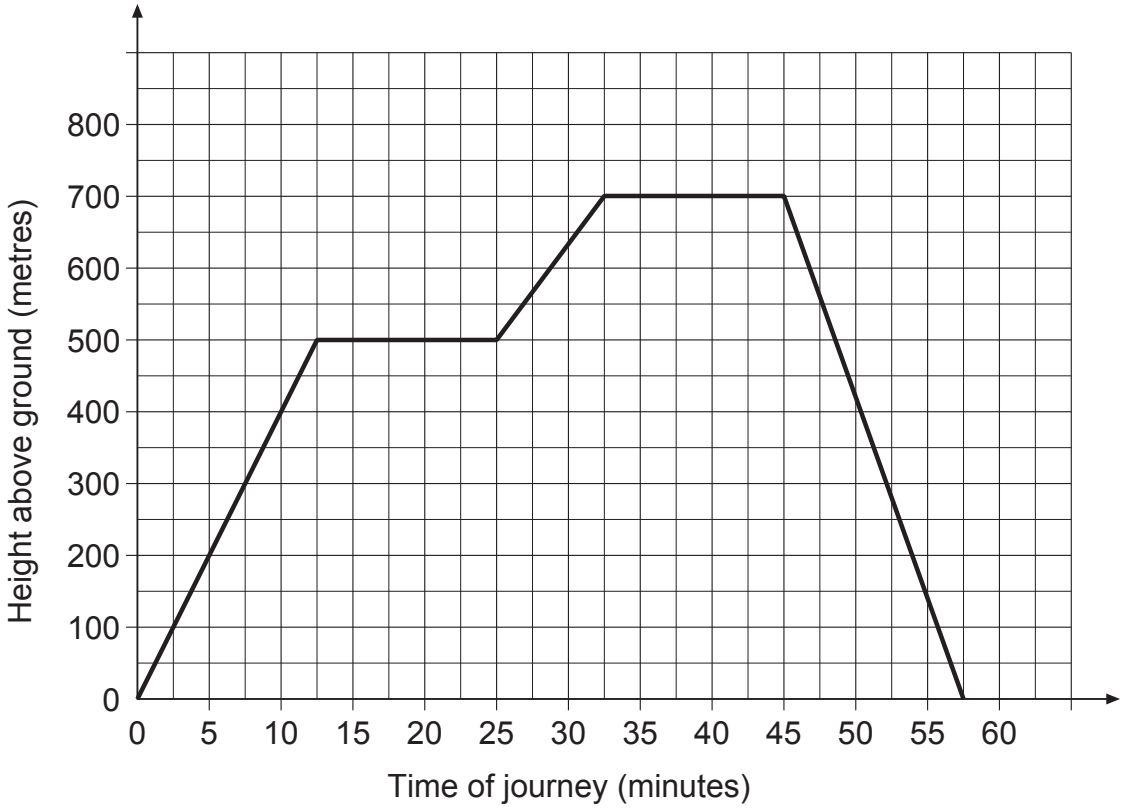
the largest rise in temperature from the day before? ..... January

the largest fall in temperature from the day before? ..... January



Resource 5.4e

The graph shows the journey of a hot-air balloon.



At what height above the ground
was the balloon after 10 minutes? ..... metres

After how many minutes of the journey
did the balloon begin to go down? ..... minutes

What was the maximum height
that the balloon reached? ..... metres

For how many minutes was it
at this height? ..... minutes