

You do...



**Before you write the date,
answer the following:**

Think about what you
did with missing number
equations to answer
these questions:

Find the number.

- 21 Double this number and add 3 to give an answer of 11.
- 22 Multiply this number by 4 and subtract 7 to give 5.
- 23 Multiply this number by 5 and subtract 3 to give 7.
- 24 Multiply this number by 6 and add 2 to give 20.
- 25 Multiply this number by 3 and subtract 6 to give 9.
- 26 Double this number and subtract 4 to give 12.

Answers ...



Before you write the date, answer the following:

21 4

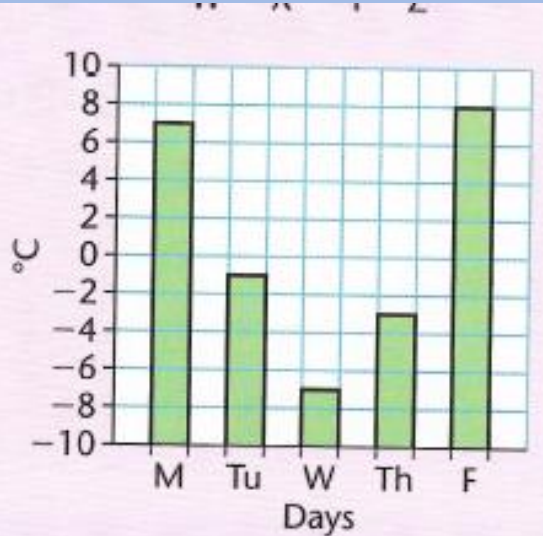
22 3

23 2

24 3

25 5

26 8



- 3 What was the fall in temperature from:
- Monday to Tuesday
 - Tuesday to Wednesday?
- 4 What was the rise in temperature from:
- Wednesday to Thursday
 - Thursday to Friday?



3 a) 8°C

b) 6°C

4 a) 4°C

b) 11°C

Angles: Week 1.
Mrs Brown's Maths Group

Date: Week



Title: Angles.

Title: To calculate missing angles.

Ingredients

Angles.

- Straight line = 180
- Angle around a point = 360
- Right angle = 90
- Reflex, obtuse and acute

- **Key words/terminology:** Reflex, obtuse, Right angle, Straight line, Straight line, Straight line and acute.

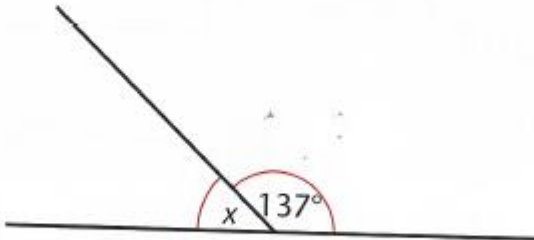
We do ...



Target: to find missing angles that are on a straight line, a point or vertically opposite.

ANGLES ON A STRAIGHT LINE

The sum of the angles on a straight line is 180° .

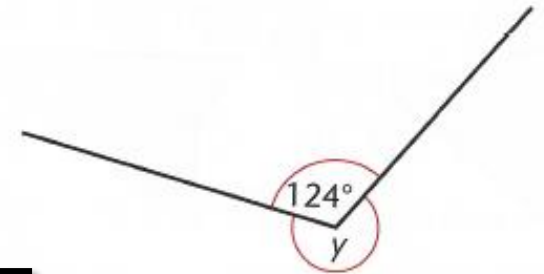


$$137^\circ + x = 180^\circ$$

$$x = 43^\circ$$

ANGLES AT A POINT

A whole turn is 360° .

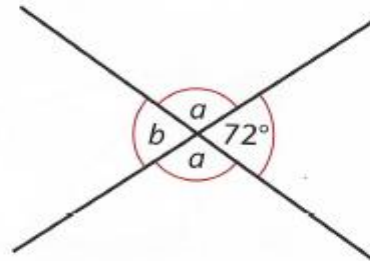


$$124^\circ + y = 360^\circ$$

$$y = 236^\circ$$

VERTICALLY OPPOSITE ANGLES

Where two straight lines cross each other opposite angles are equal.



$$b = 72^\circ \text{ (vertically opposite)}$$

$$a + 72^\circ = 180^\circ$$

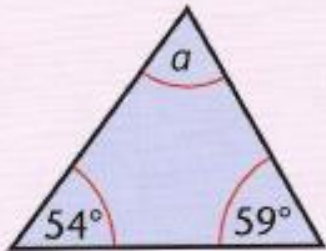
$$a = 108^\circ$$



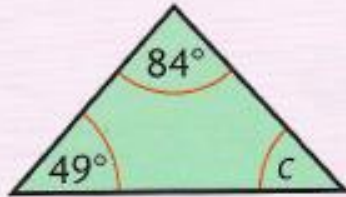
B

Find the missing angles.

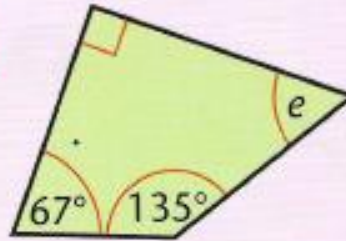
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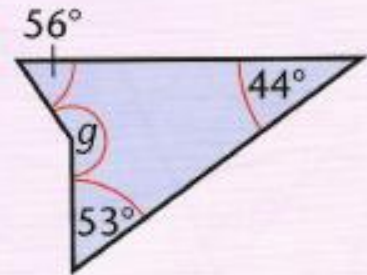
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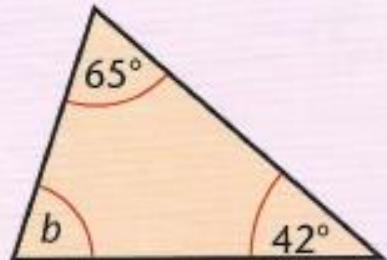
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7



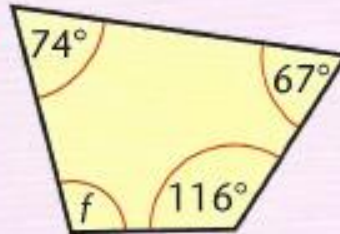
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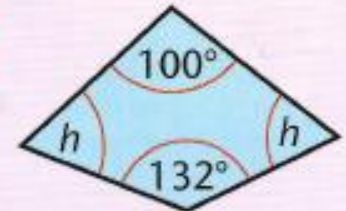
4



6



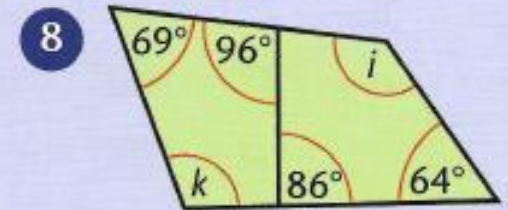
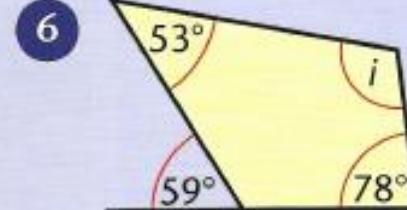
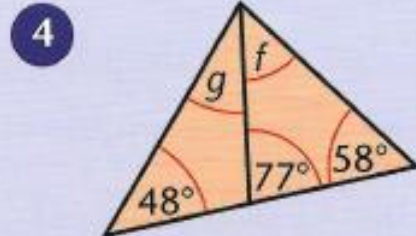
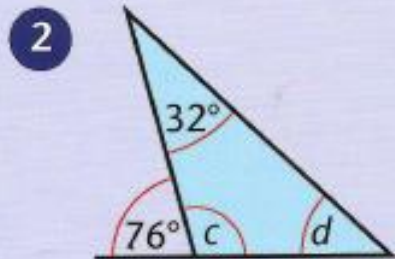
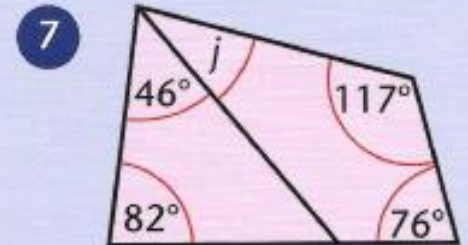
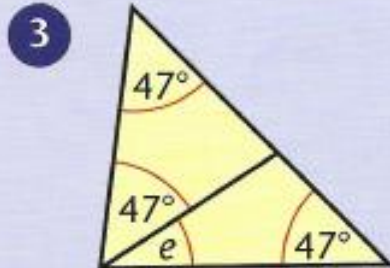
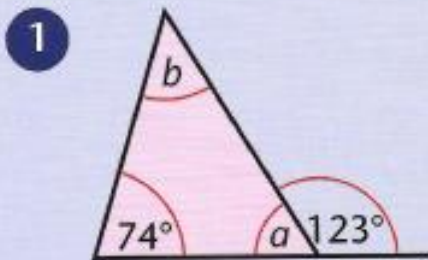
8





C

Calculate the missing angles.





B

1 67°

3 47°

5 68°

7 207°

2 73°

4 39°

6 103°

8 64°

C

1 a 57°

3 e 39°

6 i 108°

b 49°

4 f 45°

7 j 39°

2 c 104°

g 29°

8 k 101°

d 44°

5 h 106°

l 126°

You do...



Find the angles marked with letters.

1 3

2 4

5 7

6 8

9 10

How many degrees does the minute hand turn in:

- | | |
|---------------|----------------|
| 11 30 minutes | 15 46 minutes |
| 12 1 minute | 16 55 minutes |
| 13 50 minutes | 17 12 minutes |
| 14 40 minutes | 18 25 minutes? |
- 19 What angle is:
 a) $\frac{3}{5}$ of a right angle
 b) $\frac{11}{12}$ of a whole turn.



1 *a* 65°

3 *c* 27°

5 *e* 113°

7 *g* 78°

2 *b* 43°

4 *d* 42°

6 *f* 214°

8 *h* 67°

9 *i* 82°

j 98°

k 82°

l 51°

m 33°

10 *n* 116°

o 64°

p 116°

q 28°

r 63°

s 26°

t 68°

11 180°

13 300°

15 276°

17 72°

12 6°

14 240°

16 330°

18 150°

19 a) 54°

b) 330°

The End !!!!!

