

1.

Jonah paints house exteriors.

He uses this formula to work out how much to charge people:

**Total cost = £47.50 per hour + £350 expenses**

How much will it cost for him to complete a job lasting 8 hours?

2.

Write the missing number to make the division correct:

36 000 ÷

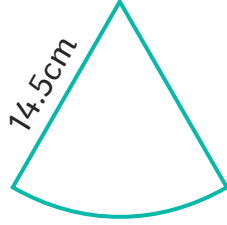
= 1.2

3.

A pizza is cut into slices like this:



Here is one slice:



What is the diameter of the whole pizza?

4.

Fill in the missing numbers in the number sequences.

40, 80, 120,

58, 50, 42,

70, 50, 30,

5. A carnival is held over three days. In total, 341 056 people attended.

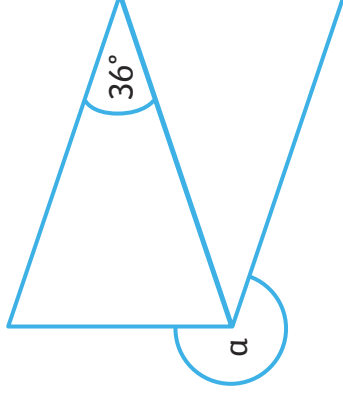
On the first day, 82 154 people attended.

On the second day, 128 932 people attended.

How many people attended on the third day?

6.

Aisha puts two identical isosceles triangles together like this:



Calculate angle  $a$ .

1.

Jonah paints house exteriors.

He uses this formula to work out how much to charge people:

**Total cost = £47.50 per hour + £350 expenses**

How much will it cost for him to complete a job lasting 8 hours?

$$\text{£}47.50 \times 8 = \text{£}380$$

$$\text{£}380 + \text{£}350 = \text{£}730$$

2.

Write the missing number to make the division correct:

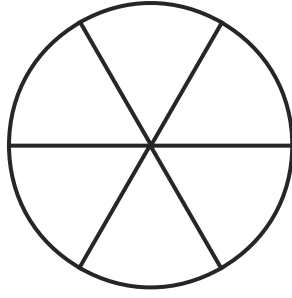
$$36\,000 \div$$

$$30\,000$$

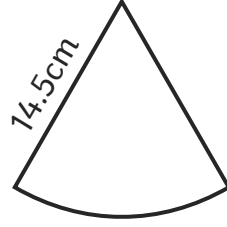
$$= 1.2$$

3.

A pizza is cut into slices like this:



Here is one slice:



What is the diameter of the whole pizza?

$$14.5 \times 2 = 29\text{cm}$$

29cm

4.

Fill in the missing numbers in the number sequences.

40, 80, 120,

160

200

240

74

66

58, 50, 42,

34

70, 50, 30,

10

-10

-30

5.

A carnival is held over three days. In total, 341 056 people attended.

On the first day, 82 154 people attended.

On the second day, 128 932 people attended.

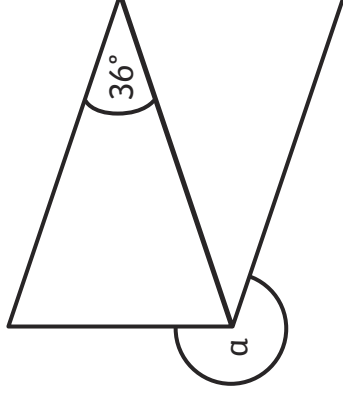
How many people attended on the third day?

$$82\ 154 + 128\ 932 = 211\ 086$$

$$341\ 056 - 211\ 086 = 129\ 970$$

6.

Aisha puts two identical isosceles triangles together like this:



Calculate angle  $a$ .

$$180 - 36 = 144$$

$$144 \div 2 = 72$$

$$72 + 36 = 108$$

$$360 - 108 = 252^\circ$$

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