

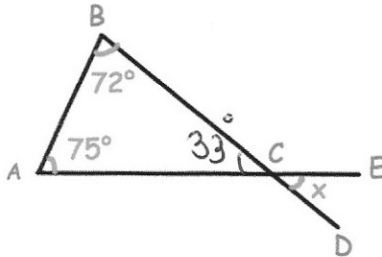
This is an equilateral triangle

What is the size of each angle?

60°

What is the order of rotational symmetry?

3



AB, AE and BD are straight lines

Find the size of angle DCE

33°

In a class of 28 pupils, the ratio of boys to girls is 2:5.

How many of the pupils are girls?

$$2 + 5 = 7$$

$$28 \div 7 = 4$$

$$4 \times 5 = 20$$

| | | | | |
|---|---|---|---|----|
| a | a | a | a | 28 |
| a | a | b | b | 34 |
| a | a | b | c | 26 |
| a | b | c | d | 40 |

$$a = 7$$

$$14 + 2b = 34$$

$$2b = 20$$

$$b = 10$$

$$c = 2$$

$$d = 21$$

In the grid, each row adds up to the number to the right.

Find the values of a, b, c and d

$$a = 7 \quad b = 10$$

$$c = 2 \quad d = 21$$

Find the highest common factor (HCF) of 28 and 35.

$$28: \textcircled{1} \quad 2 \quad 4 \quad \textcircled{7} \quad 14 \quad 28$$

$$35: \textcircled{1} \quad 5 \quad \textcircled{7} \quad 35$$

7