



Simplify

$a + a + a$

$3a$

Simplify

$a \times a \times a$

a^3

385 students are going on a school trip. At least one teacher must go with every 14 students.

Work out the smallest number of teacher who must go.

$$14 \overline{) 385} \begin{array}{r} 27 \\ \underline{28} \\ 5 \\ \underline{56} \\ 5 \end{array}$$

28

14
28
42
56
70
84
98
112

Darius works out the mean of three numbers.

The mean is 6.
None of the numbers are 6.

Write down three numbers with a mean of 6.

$3, 7, 8$

The stem and leaf diagram below shows the ages of people in a group.

Key: 1|4 means 14 years old

1	4	5	8		
2	1	3	<u>6</u>	<u>9</u>	<u>9</u>
3	<u>0</u>	<u>5</u>	<u>7</u>		
4	4				

How many people are over 25?

7

The stem and leaf diagram below shows the ages of people in a group.

Key: 1|4 means 14 years old

1	4	5	8		
2	1	3	<u>6</u>	<u>9</u>	<u>9</u>
3	<u>0</u>	<u>5</u>	<u>7</u>		
4	4				

Work out the range of the ages.

$44 - 14 = 30$