Starter

1. Solve the following:

   a. $6p - 2 = 5p + 9$ b. $4y - 12 = 2y + 18$

2. Calculate the volume of a cuboid with dimensions of 23cm, 14cm and 6cm.

3. Paul has collected £8.72 in his piggy bank. He plans on buying snacks to watch a movie on Saturday night. He buys a fruit lolly at £1.25, 2 packets of crisps, each costing 56p, and a Wispa Gold costing 72p.

   How much money does he have left after buying his snacks?

4. Convert 14 millimetres into metres.

Starter

1. Round the following to 1 decimal place:

   a. 5.27 b. 14.08 c. 99.999

2. Find a formula for the following patterns:

   a.

F	1	2	3	4
G	4	7	10	13

   b.

J	4	5	6	7
K	5	7	9	11

3. Calculate:

   a. 7% of £800 b. 15% of £320 c. 7.5% of £800

4. Solve $8u - 6 = 5u + 27$.

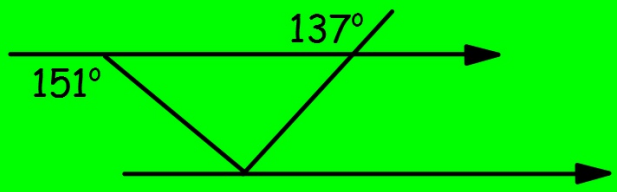
Starter

1. Evaluate the following expressions where i = 3, j = 4 and k = -1:

   a. $ij + 3k$

   b. $(j - k)^2 - 2k$

2. Complete all angles opposite.



3. The table opposite details number of teachers (T) needed for pupils (P) on a school trip.

   a. Complete the table.
   b. Find a formula for the pattern.
   c. How many pupils can go, if there are 9 teachers on the trip?

T	1	2	3	4
P	8	13	18	

Starter

1. Write the following as improper fractions:

   a. $3\frac{4}{5}$ b. $2\frac{1}{7}$ c. $5\frac{6}{11}$

2. Simplify the following expressions:

   a. $3p + 2 - 5p + 17$ b. $6y^2 - 1 + 3y - 2y + 7 - 5y^2$

3. The volume of a cuboid is 60,000cm^3. The height of the cuboid is 15cm and breadth is 40cm, calculate the length.

4. A shirt is priced at £75. In the summer sale, it has 35% off. What would the shirt be priced at in the sale?