Starter

1. Calculate:

   a. 40% of £310 b. 5% of £280

2. Solve:

   a. $g + 5 = 11$ b. $3e - 1 = 14$ c. $6h - 12 = 18$

3. Convert the following to centimetres (cm):

   a. 3m b. 14.5m c. 23mm

4. Simplify the following expressions:

   a. $3e - 5u + 2e + 8u$ b. $7h^2 - 3h + 2 - 5h + 8 - 2h^2$

Starter

1. Calculate:

   a. 25% of £832 b. 15% of £460

2. Convert the following to metres (m):

   a. 4km b. 345cm c. 12.3cm

3. Solve the following:

   a. $j + 8 = 12$ b. $8i - 4 = 44$ c. $22 = 3p - 2$

4. Evaluate the following expressions where $p = 3$, $q = -1$ and $r = 7$:

   a. $pr - q$ b. $(p - q)^2$ c. $pq^2 + rq$

Starter

1. Write the following as improper fractions:

   a. $3\frac{5}{6}$ b. $5\frac{3}{7}$ c. $8\frac{4}{9}$

2. Calculate:

   a. 4.85 + 12.32 b. 25.37 - 8.51 c. 51.21 x 5

3. Solve the following:

   a. 7j - 3 = 32 b. 68 = 8k + 12

4. Perform the following calculations:

   a. 3 - 5 x 9 + 12 b. $6 \times 2^2 - 3 \times 7$

Starter

1. Calculate:

   a. 7.49 + 3.81 b. 11.07 - 4.28 c. 3.69 x 5

2. Convert the following to millimetres (mm):

   a. 6cm b. 12.6cm c. 3.44m

3. Evaluate the following expressions where i = 7, j = -2 and k = 4:

   a. ik - 3 b. $(jk)^2$ - 3j c. $(j - k)^2$ - i

4. Simplify the following expressions:

   a. 7d x 3e b. 5r x 7r c. 6h x 2h x 3h