

## Starter

1. Calculate  $54 \times 23$ .

2. Simplify the following expressions:

a.  $6y + 3h - 8y - 5h$

b.  $5 - 8i + 3j - 9 + 5i - 4j$

3. Evaluate the following expressions where  $g = 3$ ,  $h = -2$  and  $i = 6$ :

a.  $gi - h$

b.  $i^2 - gh + 5i$

4. Add in **two** addition (+) signs and **two** subtraction (-) signs to make the answer true.

$$1 \ 2 \ 3 \ 4 \ 5 \ 6 \ 7 \ 8 \ 9 = 100$$

## Starter

1. Simplify the following expressions:

a.  $7h - 3 + 2h - 1$

b.  $4 + 9u - 3g + 2 - 7u + 5g$

2. Find the following:

a.  $4 + (-18)$

b.  $5 \times (-8)$

c.  $8 - (-14)$

d.  $4 \times (-2) \times 3$

e.  $5 + (-7) - 8$

f.  $14 + (-11) - (-2)$

3. Evaluate the following expressions where  $e = -2$ ,  $f = 5$  and  $g = 4$ :

a.  $fg$

b.  $(f - e)^2$

c.  $fg^2 - 5e$

## Starter

1. Round the following numbers to the nearest hundred:

a. 426

b. 1247

c. 34,893

2. Evaluate the following expressions where  $p = 4$ ,  $q = -1$  and  $r = 2$ :

a.  $pq + r$

b.  $(p - q)^2 - 3q$

3. Simplify the following expressions:

a.  $5r^2 + 2r - 5r + 3r^2$

b.  $1 - 7y^3 + 2y^2 - 4y^3 - 5y^2 + 1$

4. Paul is selling slabs of tablet for 90p each. For every 15 slabs he sells, he receives an extra 80p. If Paul sells 100 slabs, how much money will he make?

## Starter

1. Round the following to the nearest 100:

a. 878

b. 8376

c. 42,367

2. Simplify the following expressions:

a.  $5y + 8u - 6u + 3y$

b.  $8 + 3e^2 - 7e + 2e^2 - 6 + 3e$

3. Calculate  $423 \times 23$ .

4. Perform the following calculations:

a.  $17 - 5 \times 8$

b.  $(6 - (-3))^2 + 3 \times 4^2$