Starter

1. Simplify the following expressions:

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

2. Write the following as an improper fraction:

   a. $3\frac{1}{4}$ b. $5\frac{6}{7}$ c. $8\frac{4}{9}$

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

   a. ef b. $f^2 - 2e$ c. $(ef)^2 - fg$

4. Solve the following equations:

   a. $r - 12 = 20$ b. $p + 36 = 72$

Starter

1. Simplify the following expressions:

   a. $8u + 3p - 2u - 9p$ b. $5g^2 - 2g + 1 - 5g + 7g^2$

2. Write the following as a mixed fraction:

   a. $^{14}/_{5}$ b. $^{27}/_{7}$ c. $^{49}/_{9}$

3. Solve the following equations:

   a. $c + 12 = 5$ b. $20 = f + 14$

4. Evaluate the following expressions where $i = -5$, $j = 2$ and $k = 6$:

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

Starter

1. Round the following numbers to the nearest hundred:

   a. 736 b. 32,678 c. 275,067

2. Calculate:

   a. $^1/_4$ of £328 b. $^3/_8$ of 5768 cm

3. Evaluate the following expressions where $q = 9$, $r = -3$ and $s = 4$:

   a. qr b. $s - q^2$ c. $(s - r)^2 + qs$

4. Simplify the following expressions:

   a. $u \times 8$ b. $5e \times 5$ c. $8p \times 2$

Starter

1. Write the following percentages as fractions in their simplest form:

   a. 10% b. 25% c. 64%

2. Calculate:

   a. 10% of £420 b. 75% of £340

3. Calculate:

   a. $^1/_7 + {}^3/_7$ b. $^{10}/_{11} - {}^4/_{11}$ c. $^1/_4 + {}^1/_4$

4. Simplify the following expressions:

   a. $5f + 9u - 1 + 3u - 7 + 2f$ b. $7y^2 - 5y + 3 - 2y^2 + 3y - 2$