**Fractions, Decimals and Percentages (1)**

**You need a calculator for this worksheet.**

1. Calculate:

(a) \( \frac{1}{5} \) of £90  
(b) \( \frac{1}{6} \) of 55 kg  
(c) \( \frac{1}{4} \) of £14.70  
(d) \( \frac{5}{6} \) of 55 cm  
(e) \( \frac{5}{8} \) of £136  
(f) \( \frac{7}{5} \) of 58.5 grams  
(g) \( \frac{2}{5} \) of £15.96  
(h) \( \frac{9}{10} \) of 45 kg  
(i) \( \frac{2}{7} \) of £10.92  
(j) \( \frac{3}{5} \) of £5.10  
(k) \( \frac{7}{8} \) of 984 mm (l) \( \frac{5}{7} \) of £1.08  
(m) \( \frac{11}{20} \) of £2540  
(n) \( \frac{9}{16} \) of 480 tonnes  
(o) \( \frac{5}{17} \) of 25.5 kg

2. Calculate:

(a) 28% of £90  
(b) 50% of 300 g  
(c) 15% of £45  
(d) 42% of 60 kg  
(e) 17% of £10  
(f) 34% of 85 cm  
(g) 19% of £64  
(h) 5% of £340  
(i) 65% of £880  
(j) 8% of 4500 g  
(k) 90% of £250  
(l) 94% of £360  
(m) 78% of £1500  
(n) 6% of £12  
(o) 7% of 1200 tonnes

3. Calculate each of the following rounding your answers to the nearest penny.

(a) 36% of £13.20  
(b) 24% of £12.71  
(c) 18% of £6.35  
(d) 47% of 89 p  
(e) 57% of £10.43  
(f) 41% of 51 p  
(g) 12% of £18.30  
(h) 4% of £341.20  
(i) 5% of £834.65  
(j) 81% of £3.45  
(k) 9% of £2.57  
(l) 34% of 88 p  
(m) 71% of £1.53  
(n) 3% of £12.08  
(o) 57% of 97 p

4. Change each of the following fractions to percentages.  
Round your answer to the nearest percent when necessary.

(a) \( \frac{3}{5} \)  
(b) \( \frac{1}{4} \)  
(c) \( \frac{7}{25} \)  
(d) \( \frac{7}{10} \)  
(e) \( \frac{18}{100} \)  
(f) \( \frac{18}{20} \)  

(g) \( \frac{5}{7} \)  
(h) \( \frac{5}{11} \)  
(i) \( \frac{18}{25} \)  
(j) \( \frac{5}{12} \)  
(k) \( \frac{4}{32} \)  
(l) \( \frac{8}{13} \)  

(m) \( \frac{2}{15} \)  
(n) \( \frac{1}{7} \)  
(o) \( \frac{6}{77} \)  
(p) \( \frac{38}{383} \)  
(q) \( \frac{48}{180} \)  
(r) \( \frac{9}{25} \)

5. John's schedule marks are shown in the table below:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Maths</th>
<th>English</th>
<th>Tech</th>
<th>Science</th>
<th>Art</th>
<th>History</th>
<th>French</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mark</td>
<td>30 out of 60</td>
<td>54 out of 72</td>
<td>40 out of 65</td>
<td>38 out of 55</td>
<td>65 out of 70</td>
<td>27 out of 40</td>
<td>70 out of 95</td>
</tr>
<tr>
<td>%</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

(a) **Copy** and complete the table by calculating John's "percentage mark" for each subject.  
Round each answer to the nearest percent where necessary.

(b) Which was John's best subject ?

(c) Which was his worst ?