

## 1. No calculator

<p>(i) <math>P = 2x + 5y</math>  <math>x = -30</math>  <math>y = 9</math>            Work out the value of <math>P</math></p> <p style="text-align: right;">(i) . . . . .</p>	<p>(ii) <math>A = 3x + 4y</math>  <math>x = 7</math>  <math>y = -3</math>            Work out the value of <math>A</math></p> <p style="text-align: right;">(ii) . . . . .</p>
<p>(iii) <math>x = 20</math>  <math>y = -9</math>  <math>P = 2x + 7y</math>            Find the value of <math>P</math></p> <p style="text-align: right;">(iii) . . . . .</p>	<p>(iv) <math>p = 5m + 9n</math>  <math>m = 2</math>  <math>n = -5</math>            Work out the value of <math>p</math></p> <p style="text-align: right;">(iv) . . . . .</p>
<p>(v) <math>b = 9</math>  <math>h = -4</math>            Work out the value of <math>6b + 7h</math></p> <p style="text-align: right;">(v) . . . . .</p>	<p>(vi) <math>g = -4</math>  <math>h = 7</math>  <math>f = 2g + 5h</math>            Work out the value of <math>f</math></p> <p style="text-align: right;">(vi) . . . . .</p>

2.  $p = -2$

$q = 9$

Find the value of  $7p + 5q$ 

2. . . . .

Answers 1 (i) -15 (ii) 9 (iii) -23 (iv) -35 (v) 26 (vi) 27 2) 31