

**NEGATIVE NUMBERS 2 - for those who like a challenge!**

1. Work out  $10 + (-10) + 10 - 10 - 10 + (-10) + (-10) = \dots\dots\dots$

2. Here are the first 5 terms in a sequence.      10, 4, -2, -8, -14, ....

(a) What is the next term?      .....

(b) What is the 50<sup>th</sup> term?      .....

(c) Will -200 be part of this sequence? Explain your answer fully.

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3. Use your calculator to work out  $\frac{(-2) \times (-5) \times (-6)}{(-3) \times (-5)}$

Answer .....

4. A multiple choice exam has 20 questions. For each question, a mark is given like this

**Correct answer = 2 marks    Wrong answer = -1 mark    No answer = 0**

(a) What is the lowest score possible on this test? .....

(b) Tim attempts 16 questions and gets 12 correct.

What is his overall score?

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(c) Jane answers all the questions. She gets **four times** as many correct as she gets wrong. What is her overall score?

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