

MA Θ Competition Team Problem Set 14

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Problem 1. For each expression below, use the method of nearest multiple of 10 to calculate the product mentally.

1. 49×51
2. 101×47
3. 999×42
4. 52×48
5. 998×73
6. 1002×36

Problem 2. Find the square of each number below:

1. 45^2
2. 75^2
3. 115^2
4. 48^2

Problem 3. For each expression below, use cross multiplication to calculate the product mentally.

1. 42×37
2. 53×24
3. 314×27
4. 482×35
5. 321×432
6. 607×508