

Homework for 4th and 5th graders

April 17, 2011

*You should finish all those in less than 20 minutes.
Check your answer with calculator after finishing.*

Fast math x11, x12

- $23412 \times 11 =$
- $123 \times 11 =$
- $214 \times 11 =$
- $54395 \times 11 =$
- $32769 \times 11 =$
- $26574 \times 11 =$
- $46 \times 11 =$
- $58124 \times 11 =$
- $631462 \times 11 =$
- $12421 \times 11 =$
- $25712 \times 11 =$
- $3457 \times 11 =$

- $23412 \times 12 =$
- $123 \times 12 =$
- $214 \times 12 =$
- $54395 \times 12 =$
- $32769 \times 12 =$
- $26574 \times 12 =$
- $46 \times 12 =$
- $58124 \times 12 =$
- $631462 \times 12 =$
- $12421 \times 12 =$
- $25712 \times 12 =$

Special: for the same number in tens and
sum of ones equals to 10

- $15 \times 15 =$
- $25 \times 25 =$
- $35 \times 35 =$
- $45 \times 45 =$
- $55 \times 55 =$
- $65 \times 65 =$
- $75 \times 75 =$
- $85 \times 85 =$
- $95 \times 95 =$
- $105 \times 105 =$

- $13 \times 17 =$
- $12 \times 18 =$
- $11 \times 19 =$
- $14 \times 16 =$
- $23 \times 27 =$
- $22 \times 28 =$
- $58 \times 52 =$
- $73 \times 77 =$
- $84 \times 86 =$
- $92 \times 98 =$
- $81 \times 89 =$
- $83 \times 87 =$
- $72 \times 78 =$
- $76 \times 74 =$
- $54 \times 56 =$

Multiplication two numbers near 100

(for 5th graders only)

- $101 \times 105 =$
- $103 \times 107 =$
- $103 \times 108 =$
- $112 \times 105 =$
- $107 \times 106 =$
- $121 \times 103 =$
- $113 \times 104 =$
- $114 \times 105 =$
- $111 \times 102 =$
- $117 \times 105 =$
- $112 \times 115 =$
- $102 \times 119 =$
- $103 \times 121 =$
- $116 \times 111 =$
- $121 \times 104 =$
- $119 \times 107 =$
- *Can be used to calculate the square very easily and quickly*
- $101 \times 101 =$
- $102 \times 102 =$
- $103 \times 103 =$
- $104 \times 104 =$
- $105 \times 105 =$
- $106 \times 106 =$
- $107 \times 107 =$
- $108 \times 108 =$
- $109 \times 109 =$
- $110^2 =$
- $111^2 =$
- $112^2 =$
- $113^2 =$