



Numeracy Homework

Due date: _____

At St. Peter's we are committed to developing children's core mathematical skills and concepts. This includes their multiplication and division facts as they move through school. This pack is designed to help children develop their multiplication knowledge up to 12×12 . In addition to learning these times tables, children will need to be able to use known facts to derive the answers for other calculations. An example of this is inside the booklet.

Children should complete at least two grids per week and have their time noted above the grid. When children have completed the grids in one step, they may be ready to move on to the next step.

As well as completing the grids, it would help children to master their times tables if you discuss their learning with them. This can be achieved by using the following examples of Chatterbox style questions:

'What are 3 lots of 2?'

'Count up to 20 in jumps of 2'

'Share equally 16 sweets between 2 children.'

'Here is a fact '5 lots of 2 = 10'. Tell me two division facts for this fact.'

It is important to encourage children to use the correct vocabulary when discussing maths concepts as this will help them master each times table. Please remember to cover a completed grid before children start on the next one!

In addition to learning these times tables, children can start counting in steps of the other numbers to introduce other facts. In school we are introducing these using a rolling numbers programme, where children learn to count in steps using their fingers. These can be done in the car, walking to school or almost anywhere to support learning. Examples of these have been included in each step of the booklet.

If you have any questions regarding this homework, or would like extra grids for different steps, please speak to your child's class teacher.

Numeracy Homework

Stage 4.6

Deriving answers using known facts:

This relates to how we can use multiplication facts to derive answers for larger calculations. For example, if we were trying to calculate the answer to $30 \times 4 =$ we could use the fact $3 \times 4 = 12$ so $30 \times 4 = 120$. This is because 30 is 10x bigger than 3 so the final answer is 10x bigger than the fact we are using.

If $7 \times 4 = 28$ and $28 \div 7 = 4$ and $28 \div 4 = 7$ then we can use this to reason and derive answers for the following calculations:

$70 \times 4 = 280$ - because 70 is 10x bigger than 7 the answer is 10x bigger, so it is 280.

$7 \times 40 = 280$ - because 40 is 10x bigger than 4 the answer is x time bigger, so it is 280.

$70 \times 40 = 2800$ - because both 40 and 70 are x10 bigger than the original fact, the answer needs to be 100x bigger, so it is 2800

$280 \div 7 = 40$ - because 280 is 10x bigger than 28 the answer is 10x bigger, so it is 40.

$280 \div 4 = 70$ - because 280 is 10x bigger than 28, the answer is also 10x bigger, so it is 70.

Time taken _____

Date: _____

$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$	$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$80 \times 7 =$
$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$70 \times 4 =$	$60 \times 3 =$	$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$60 \times 3 =$
$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$30 \times 3 =$	$70 \times 6 =$	$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$50 \times 7 =$
$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 6 =$	$120 \times 8 =$	$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$30 \times 5 =$
$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$40 \times 3 =$	$70 \times 2 =$	$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$70 \times 7 =$
$140 \div 7 =$	$280 \div 4 =$	$330 \div 3 =$	$600 \div 6 =$	$480 \div 6 =$	$720 \div 9 =$	$240 \div 12 =$	$1080 \div 9 =$	$360 \div 6 =$
$440 \div 11 =$	$770 \div 7 =$	$490 \div 7 =$	$960 \div 12 =$	$400 \div 8 =$	$200 \div 4 =$	$330 \div 11 =$	$300 \div 3 =$	$630 \div 9 =$
$120 \div 3 =$	$880 \div 11 =$	$320 \div 8 =$	$150 \div 3 =$	$900 \div 9 =$	$560 \div 7 =$	$240 \div 6 =$	$1210 \div 11 =$	$840 \div 12 =$
$600 \div 5 =$	$350 \div 7 =$	$160 \div 4 =$	$220 \div 11 =$	$360 \div 4 =$	$550 \div 11 =$	$840 \div 7 =$	$210 \div 7 =$	$240 \div 4 =$
$300 \div 6 =$	$180 \div 6 =$	$270 \div 9 =$	$700 \div 7 =$	$1320 \div 12 =$	$680 \div 6 =$	$60 \div 3 =$	$800 \div 8 =$	$160 \div 8 =$

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$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$40 \times 3 =$	$70 \times 2 =$	$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$70 \times 7 =$
$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$30 \times 3 =$	$70 \times 6 =$	$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$50 \times 7 =$
$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 6 =$	$120 \times 8 =$	$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$30 \times 5 =$
$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$	$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$80 \times 7 =$
$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$70 \times 4 =$	$60 \times 3 =$	$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$60 \times 3 =$
$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$280 \div 7 =$	$360 \div 3 =$	$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$90 \div 3 =$
$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$540 \div 9 =$	$660 \div 6 =$	$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$480 \div 12 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$770 \div 11 =$	$450 \div 9 =$	$630 \div 7 =$	$880 \div 8 =$	$210 \div 3 =$	$480 \div 8 =$	$420 \div 7 =$	$640 \div 8 =$	$1440 \div 12 =$
$140 \div 7 =$	$280 \div 4 =$	$330 \div 3 =$	$600 \div 6 =$	$480 \div 6 =$	$720 \div 9 =$	$240 \div 12 =$	$1080 \div 9 =$	$360 \div 6 =$

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$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$30 \times 3 =$	$70 \times 6 =$	$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$50 \times 7 =$
$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 6 =$	$120 \times 8 =$	$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$30 \times 5 =$
$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$	$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$80 \times 7 =$
$140 \div 7 =$	$280 \div 4 =$	$330 \div 3 =$	$600 \div 6 =$	$480 \div 6 =$	$720 \div 9 =$	$240 \div 12 =$	$1080 \div 9 =$	$360 \div 6 =$
$440 \div 11 =$	$770 \div 7 =$	$490 \div 7 =$	$960 \div 12 =$	$400 \div 8 =$	$200 \div 4 =$	$330 \div 11 =$	$300 \div 3 =$	$630 \div 9 =$
$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$40 \times 3 =$	$70 \times 2 =$	$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$70 \times 7 =$
$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$70 \times 4 =$	$60 \times 3 =$	$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$60 \times 3 =$
$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$280 \div 7 =$	$360 \div 3 =$	$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$90 \div 3 =$
$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$540 \div 9 =$	$660 \div 6 =$	$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$480 \div 12 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$

Time taken _____

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$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$40 \times 3 =$	$70 \times 2 =$	$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$70 \times 7 =$
$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$70 \times 4 =$	$60 \times 3 =$	$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$60 \times 3 =$
$600 \div 5 =$	$350 \div 7 =$	$160 \div 4 =$	$220 \div 11 =$	$360 \div 4 =$	$550 \div 11 =$	$840 \div 7 =$	$210 \div 7 =$	$240 \div 4 =$
$300 \div 6 =$	$180 \div 6 =$	$270 \div 9 =$	$700 \div 7 =$	$1320 \div 12 =$	$680 \div 6 =$	$60 \div 3 =$	$800 \div 8 =$	$160 \div 8 =$
$960 \div 8 =$	$450 \div 5 =$	$240 \div 8 =$	$360 \div 12 =$	$400 \div 4 =$	$720 \div 12 =$	$660 \div 11 =$	$1100 \div 11 =$	$1200 \div 12 =$
$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$30 \times 3 =$	$70 \times 6 =$	$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$50 \times 7 =$
$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 6 =$	$120 \times 8 =$	$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$30 \times 5 =$
$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$	$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$80 \times 7 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$770 \div 11 =$	$450 \div 9 =$	$630 \div 7 =$	$880 \div 8 =$	$210 \div 3 =$	$480 \div 8 =$	$420 \div 7 =$	$640 \div 8 =$	$1440 \div 12 =$

Time taken _____

Date: _____

$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$960 \div 8 =$	$450 \div 5 =$	$240 \div 8 =$	$360 \div 12 =$	$400 \div 4 =$	$720 \div 12 =$	$660 \div 11 =$	$1100 \div 11 =$	$1200 \div 12 =$
$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$40 \times 3 =$	$70 \times 2 =$	$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$70 \times 7 =$
$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$70 \times 4 =$	$60 \times 3 =$	$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$60 \times 3 =$
$600 \div 5 =$	$350 \div 7 =$	$160 \div 4 =$	$220 \div 11 =$	$360 \div 4 =$	$550 \div 11 =$	$840 \div 7 =$	$210 \div 7 =$	$240 \div 4 =$
$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$30 \times 3 =$	$70 \times 6 =$	$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$50 \times 7 =$
$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 6 =$	$120 \times 8 =$	$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$30 \times 5 =$
$770 \div 11 =$	$450 \div 9 =$	$630 \div 7 =$	$880 \div 8 =$	$210 \div 3 =$	$480 \div 8 =$	$420 \div 7 =$	$640 \div 8 =$	$1440 \div 12 =$
$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$	$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$80 \times 7 =$
$300 \div 6 =$	$180 \div 6 =$	$270 \div 9 =$	$700 \div 7 =$	$1320 \div 12 =$	$680 \div 6 =$	$60 \div 3 =$	$800 \div 8 =$	$160 \div 8 =$

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$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$70 \times 4 =$	$60 \times 3 =$	$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$60 \times 3 =$
$440 \div 11 =$	$770 \div 7 =$	$490 \div 7 =$	$960 \div 12 =$	$400 \div 8 =$	$200 \div 4 =$	$330 \div 11 =$	$300 \div 3 =$	$630 \div 9 =$
$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$	$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$80 \times 7 =$
$140 \div 7 =$	$280 \div 4 =$	$330 \div 3 =$	$600 \div 6 =$	$480 \div 6 =$	$720 \div 9 =$	$240 \div 12 =$	$1080 \div 9 =$	$360 \div 6 =$
$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$30 \times 3 =$	$70 \times 6 =$	$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$50 \times 7 =$
$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$280 \div 7 =$	$360 \div 3 =$	$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$90 \div 3 =$
$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$40 \times 3 =$	$70 \times 2 =$	$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$70 \times 7 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 6 =$	$120 \times 8 =$	$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$30 \times 5 =$
$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$540 \div 9 =$	$660 \div 6 =$	$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$480 \div 12 =$

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$440 \div 11 =$	$770 \div 7 =$	$490 \div 7 =$	$960 \div 12 =$	$400 \div 8 =$	$200 \div 4 =$	$330 \div 11 =$	$300 \div 3 =$	$630 \div 9 =$
$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$	$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$80 \times 7 =$
$140 \div 7 =$	$280 \div 4 =$	$330 \div 3 =$	$600 \div 6 =$	$480 \div 6 =$	$720 \div 9 =$	$240 \div 12 =$	$1080 \div 9 =$	$360 \div 6 =$
$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$40 \times 3 =$	$70 \times 2 =$	$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$70 \times 7 =$
$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$280 \div 7 =$	$360 \div 3 =$	$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$90 \div 3 =$
$770 \div 11 =$	$450 \div 9 =$	$630 \div 7 =$	$880 \div 8 =$	$210 \div 3 =$	$480 \div 8 =$	$420 \div 7 =$	$640 \div 8 =$	$1440 \div 12 =$
$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$70 \times 4 =$	$60 \times 3 =$	$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$60 \times 3 =$
$300 \div 6 =$	$180 \div 6 =$	$270 \div 9 =$	$700 \div 7 =$	$1320 \div 12 =$	$680 \div 6 =$	$60 \div 3 =$	$800 \div 8 =$	$160 \div 8 =$
$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 6 =$	$120 \times 8 =$	$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$30 \times 5 =$
$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$30 \times 3 =$	$70 \times 6 =$	$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$50 \times 7 =$

Time taken _____

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$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$40 \times 3 =$	$70 \times 2 =$	$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$70 \times 7 =$
$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$540 \div 9 =$	$660 \div 6 =$	$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$480 \div 12 =$
$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 6 =$	$120 \times 8 =$	$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$30 \times 5 =$
$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$30 \times 3 =$	$70 \times 6 =$	$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$50 \times 7 =$
$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$280 \div 7 =$	$360 \div 3 =$	$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$90 \div 3 =$
$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$	$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$80 \times 7 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$70 \times 4 =$	$60 \times 3 =$	$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$60 \times 3 =$
$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$540 \div 9 =$	$660 \div 6 =$	$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$480 \div 12 =$

This rhyme is used in class to help children learn to count in eevens confidently. The more children practise using these methods, the easier the skill will become and will lead in to learning their multiplication facts.

11's

Teacher: St Peter's Primary let's rock this school!

Class: Yeah!

11 – 22 – 33 – 44 we rock (two fists in the air)
we roll (roll hands in front)

55 – 66 – 77 – 88 we got, lots of soul (pat chest at same time)

99 – 110 we rock (two fists in the air)
we rule (punch the sky)

121 – 132 we rule (punch the air)
this school (two hands crossing in air above heads)

This rhyme is used in class to help children learn to count in twelves confidently. The more children practise using these methods, the easier the skill will become and will lead in to learning their multiplication facts.

12's

Teacher: St Peter's Primary let's chant the twelve's!

Class: Yeah!

12 – 24 – 36 – 48 – We know,
You're great (point at audience)

60 – 72 – 84 – Do you want to hear more? (with expression)

96 – 108 – 120 – 132 – We're cool,
We rule! (pointing to chest)

144 – Now it's **your** turn to show us more! (point at audience)

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$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$70 \times 7 =$	$40 \times 3 =$	$70 \times 2 =$
$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$480 \div 12 =$	$540 \div 9 =$	$660 \div 6 =$
$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 5 =$	$30 \times 6 =$	$120 \times 8 =$
$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$50 \times 7 =$	$30 \times 3 =$	$70 \times 6 =$
$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$90 \div 3 =$	$280 \div 7 =$	$360 \div 3 =$
$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$80 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$60 \times 3 =$	$70 \times 4 =$	$60 \times 3 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$

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$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 5 =$	$30 \times 6 =$	$120 \times 8 =$
$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$50 \times 7 =$	$30 \times 3 =$	$70 \times 6 =$
$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$90 \div 3 =$	$280 \div 7 =$	$360 \div 3 =$
$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$80 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$60 \times 3 =$	$70 \times 4 =$	$60 \times 3 =$
$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$480 \div 12 =$	$540 \div 9 =$	$660 \div 6 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$70 \times 7 =$	$40 \times 3 =$	$70 \times 2 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$

Time taken _____

Date: _____

$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$50 \times 7 =$	$30 \times 3 =$	$70 \times 6 =$
$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$90 \div 3 =$	$280 \div 7 =$	$360 \div 3 =$
$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$80 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$
$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$480 \div 12 =$	$540 \div 9 =$	$660 \div 6 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$70 \times 7 =$	$40 \times 3 =$	$70 \times 2 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$60 \times 3 =$	$70 \times 4 =$	60×3
$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 5 =$	$30 \times 6 =$	$120 \times 8 =$

Time taken _____

Date: _____

$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$70 \times 7 =$	$40 \times 3 =$	$70 \times 2 =$
$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$480 \div 12 =$	$540 \div 9 =$	$660 \div 6 =$
$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$60 \times 3 =$	$70 \times 4 =$	60×3
$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$80 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$50 \times 7 =$	$30 \times 3 =$	$70 \times 6 =$
$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$90 \div 3 =$	$280 \div 7 =$	$360 \div 3 =$
$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 5 =$	$30 \times 6 =$	$120 \times 8 =$

Time taken _____

Date: _____

$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$60 \times 3 =$	$70 \times 4 =$	60×3
$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$80 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$
$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$50 \times 7 =$	$30 \times 3 =$	$70 \times 6 =$
$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$90 \div 3 =$	$280 \div 7 =$	$360 \div 3 =$
$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 5 =$	$30 \times 6 =$	$120 \times 8 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$480 \div 12 =$	$540 \div 9 =$	$660 \div 6 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$70 \times 7 =$	$40 \times 3 =$	$70 \times 2 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$

Time taken _____

Date: _____

$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$90 \div 3 =$	$280 \div 7 =$	$360 \div 3 =$
$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 5 =$	$30 \times 6 =$	$120 \times 8 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$70 \times 7 =$	$40 \times 3 =$	$70 \times 2 =$
$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$480 \div 12 =$	$540 \div 9 =$	$660 \div 6 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$60 \times 3 =$	$70 \times 4 =$	60×3
$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$80 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$
$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$50 \times 7 =$	$30 \times 3 =$	$70 \times 6 =$

Time taken _____

Date: _____

$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$70 \times 7 =$	$40 \times 3 =$	$70 \times 2 =$
$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$480 \div 12 =$	$540 \div 9 =$	$660 \div 6 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$60 \times 3 =$	$70 \times 4 =$	$60 \times 3 =$
$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$90 \div 3 =$	$280 \div 7 =$	$360 \div 3 =$
$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 5 =$	$30 \times 6 =$	$120 \times 8 =$
$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$80 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$
$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$50 \times 7 =$	$30 \times 3 =$	$70 \times 6 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$

Time taken _____

Date: _____

$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$480 \div 12 =$	$540 \div 9 =$	$660 \div 6 =$
$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 5 =$	$30 \times 6 =$	$120 \times 8 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$50 \times 7 =$	$30 \times 3 =$	$70 \times 6 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$80 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$
$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$60 \times 3 =$	$70 \times 4 =$	$60 \times 3 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$90 \div 3 =$	$280 \div 7 =$	$360 \div 3 =$
$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$70 \times 7 =$	$40 \times 3 =$	$70 \times 2 =$

Time taken _____

Date: _____

$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 5 =$	$30 \times 6 =$	$120 \times 8 =$
$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$90 \div 3 =$	$280 \div 7 =$	$360 \div 3 =$
$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$70 \times 7 =$	$40 \times 3 =$	$70 \times 2 =$
$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$480 \div 12 =$	$540 \div 9 =$	$660 \div 6 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$80 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$50 \times 7 =$	$30 \times 3 =$	$70 \times 6 =$
$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$60 \times 3 =$	$70 \times 4 =$	60×3
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$

Time taken _____

Date: _____

$70 \times 9 =$	$80 \times 7 =$	$120 \times 4 =$	$7 \times 90 =$	$60 \times 5 =$	$8 \times 30 =$	$70 \times 7 =$	$40 \times 3 =$	$70 \times 2 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$480 \div 4 =$	$180 \div 9 =$	$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$80 \div 4 =$
$120 \div 6 =$	$990 \div 11 =$	$440 \div 4 =$	$270 \div 3 =$	$420 \div 6 =$	$990 \div 9 =$	$80 \div 4 =$	$480 \div 4 =$	$180 \div 9 =$
$6 \times 40 =$	$80 \times 8 =$	$50 \times 4 =$	$6 \times 60 =$	$3 \times 80 =$	$40 \times 9 =$	$30 \times 5 =$	$30 \times 6 =$	$120 \times 8 =$
$80 \times 9 =$	$90 \times 4 =$	$30 \times 2 =$	$20 \times 4 =$	$40 \times 8 =$	$50 \times 5 =$	$50 \times 7 =$	$30 \times 3 =$	$70 \times 6 =$
$810 \div 9 =$	$240 \div 3 =$	$360 \div 9 =$	$600 \div 12 =$	$560 \div 8 =$	$120 \div 4 =$	$480 \div 12 =$	$540 \div 9 =$	$660 \div 6 =$
$8 \times 40 =$	$3 \times 90 =$	$60 \times 4 =$	$70 \times 3 =$	$3 \times 50 =$	$30 \times 7 =$	$80 \times 7 =$	$3 \times 60 =$	$4 \times 20 =$
$720 \div 8 =$	$1080 \div 12 =$	$540 \div 6 =$	$180 \div 3 =$	$320 \div 4 =$	$1320 \div 11 =$	$90 \div 3 =$	$280 \div 7 =$	$360 \div 3 =$
$3 \times 50 =$	$40 \times 5 =$	$70 \times 8 =$	$80 \times 3 =$	$30 \times 4 =$	$7 \times 110 =$	$60 \times 3 =$	$70 \times 4 =$	60×3