



Short Multiplication

I can use the short method of multiplication to multiply three-digit numbers by one-digit numbers.



1. Choose a card from the first box and multiply it by a card from the second box. Remember to set your calculations out carefully on the squared paper. Complete at least ten calculations.

230	301
102	

2	3
5	4

2. Answer these questions:

What was the largest answer you made? _____

What was the smallest answer you made? _____



Short Multiplication **Answers**

Could be in any order

$$230 \times 2 = 460$$

$$230 \times 3 = 690$$

$$230 \times 5 = 1150$$

$$230 \times 4 = 920$$

$$102 \times 2 = 204$$

$$102 \times 3 = 306$$

$$102 \times 5 = 510$$

$$102 \times 4 = 408$$

$$301 \times 2 = 602$$

$$301 \times 3 = 903$$

$$301 \times 5 = 1505$$

$$301 \times 4 = 1204$$

What was the largest answer you made? Multiple answers possible.

What was the smallest answer you made? Multiple answers possible.



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I can use the short method of multiplication to multiply three-digit numbers by one-digit numbers.



1. Choose a card from the first box and multiply it by a card from the second box. Remember to set your calculations out carefully on the squared paper. Complete at least ten calculations.

373	651
503	

6	7
5	4

2. Now check your calculations with a calculator. If you got any incorrect answers, try to find where you went wrong, draw a circle around your mistake and correct it using a coloured pen.

What was the largest answer you made? _____

What was the smallest answer you made? _____



Short Multiplication



Short Multiplication **Answers**

At least ten of these, could be in any order

$$373 \times 6 = 2238$$

$$373 \times 7 = 2611$$

$$373 \times 5 = 1865$$

$$373 \times 4 = 1492$$

$$651 \times 6 = 3906$$

$$651 \times 7 = 4557$$

$$651 \times 5 = 3255$$

$$651 \times 4 = 2604$$

$$503 \times 6 = 3018$$

$$503 \times 7 = 3521$$

$$503 \times 5 = 2515$$

$$503 \times 4 = 2012$$

What was the largest answer you made? Multiple answers possible.

What was the smallest answer you made? Multiple answers possible.



Short Multiplication

I can use the short method of multiplication to multiply three-digit numbers by one-digit numbers.



1. Choose a card from the first box and multiply it by a card from the second box. Remember to set your calculations out carefully on the squared paper. Complete at least ten calculations.

497	873
549	

6	7
8	9

2. Now check your calculations with a calculator. If you got any incorrect answers, try to find where you went wrong, draw a circle around your mistake and correct it using a coloured pen.

What was the largest answer you made? _____

What was the smallest answer you made? _____

How many different calculations is it possible to make with these cards? _____



Short Multiplication





Short Multiplication **Answers**

At least ten of these, could be in any order

$$497 \times 6 = 2982$$

$$497 \times 7 = 3479$$

$$497 \times 8 = 3976$$

$$497 \times 9 = 4473$$

$$873 \times 6 = 5238$$

$$873 \times 7 = 6111$$

$$873 \times 8 = 6984$$

$$873 \times 9 = 7857$$

$$549 \times 6 = 3294$$

$$549 \times 7 = 3843$$

$$549 \times 8 = 4392$$

$$549 \times 9 = 4941$$

What was the largest answer you made? Multiple answers possible.

What was the smallest answer you made? Multiple answers possible.

How many different calculations is it possible to make with these cards? $3 \times 4 = 12$ so 12 combinations.