

TWO-WAY MATCHUP

Match the answers to the questions, then do it backwards by matching the questions to the answers.

This activity is useful for learning number facts and names, and also for developing fluency in one- or two-step processes.

1. Click a card on the left to reveal a question...

ROUND 1
0:06

		22	23	13
	$3+4 \times 2$	16	12	10
		17	15	
		20	19	11

2. Find the matching answer card on the right.

There are 1000 points available for each question, but 200 points are lost for each mistake:

BIDMAS 1 ROUND 1
POINTS: 2800 1:48

		1000	X	23
$2 \times 5 + 6$		15	1000	19
		16	200	X
		17	600	11

In round two, the answers become the questions and the questions become the answers:

BIDMAS 1 **ROUND 2**

POINTS: 13400 0:37

Maths4 Everyone	Maths4 Everyone	1000	$3+4\times 5$	$3+2\times 6$
Maths4 Everyone	Maths4 Everyone	$2\times 3+4$	1000	$3+4\times 2$
Maths4 Everyone	15	$2+3\times 4$	$2\times 5+6$	1000
Maths4 Everyone	Maths4 Everyone	800	$3\times 5+4$	$2\times 3+6$

Total points so far...

Time taken in this round.

There is a possible 2000 point (maximum) bonus, if a round is completed quickly:

BIDMAS 1 **ROUND 2**

POINTS: 17400 1:43

BRILLIANT

You have completed ROUND 2 of 3.

POINTS: 7800

TIME BONUS: 550

THIS ROUND: 8350 TOTAL: 17,950

[CONTINUE](#)

Maths4 Everyone	Maths4 Everyone	800	1000	$2\times 3+6$
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Overall, there are three rounds worth a maximum of 8000 each, with a maximum 2000 point time bonus for each round:

Thus, there is a maximum of 30 000 points available if no mistakes are made and each round is completed within the target times.

The target times get less for each round. Typical target times are:

Round	Time for full bonus (seconds)
1	75
2	45
3	15

Accuracy should be considered as the main priority – the time bonuses are designed to encourage students to have repeated attempts in order to gain higher total scores.

The short target time for round 3 is so that it is unlikely (in some cases impossible), for students to get maximum points in their first attempt.

BIDMAS 1
POINTS: 25950

ROUND 3

FANTASTIC
You have finished the quiz.

POINTS: 8000
TIME BONUS: 1325
THIS ROUND: 9325 TOTAL:

SHOW THESE SCORES TO YOUR TEACHER BEFORE YOU CLICK CLOSE.

SUMMARY
ACCURACY: 98
SPEED: 65

These are the important scores (maximum 100), accuracy being more important than speed!

CLOSE

Maths4 Everyone
Enjoy • Improve • Succeed

1000 1000 23

NOTE

This activity is designed to be repeated:

- the questions and answers are shuffled for each attempt so that students cannot guess answers by remembering question and answer positions;
- the activities for developing fluency have only slight variation in the questions and answers so that remembering links is very difficult. This helps to ensure that students have to think carefully about the processes involved.

KNOWN BUGS

1. It is often necessary to click the 'Play' button twice before an activity loads.
2. Occasionally (its happened to me twice) the bonus counter goes wild and does not stop. This means that a student's score keeps increasing – the immediate fix is to refresh the browser page, but I will make it a priority to find a proper fix to this.
3. Sometimes the questions/answers will not load immediately – this will depend upon the speed of the internet connection that is being used. If this is the case and it causes a major problem for you then please let me know (Twitter @Maths4Everyone)