

Mental Maths Tri-Jigsaw

National Curriculum Objectives:

Mathematics Year 2: Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100. [More resources with this objective.](#)

Mathematics Year 4: Recall multiplication and division facts for multiplication tables up to 12×12 . [More resources with this objective.](#)

Mathematics Year 6: Use their knowledge of the order of operations to carry out calculations involving the four operations. [More resources with this objective.](#)

Differentiation:

Beginner Addition and subtraction up to 100. No calculations or answers around the edge. Aimed at Year 2 Secure.

Easy Addition, subtraction and multiplication up to 100. No calculations or answers around the edge. Aimed at Year 4 Developing.

Tricky Addition, subtraction, multiplication and division. No calculations or answers around the edge. Aimed at Year 4 Secure.

Expert Addition, subtraction, multiplication and division. Some calculations have brackets or larger numbers. There are calculations and answers around the edge which are not needed to add to the level of difficulty. Aimed at Year 6 Emerging.

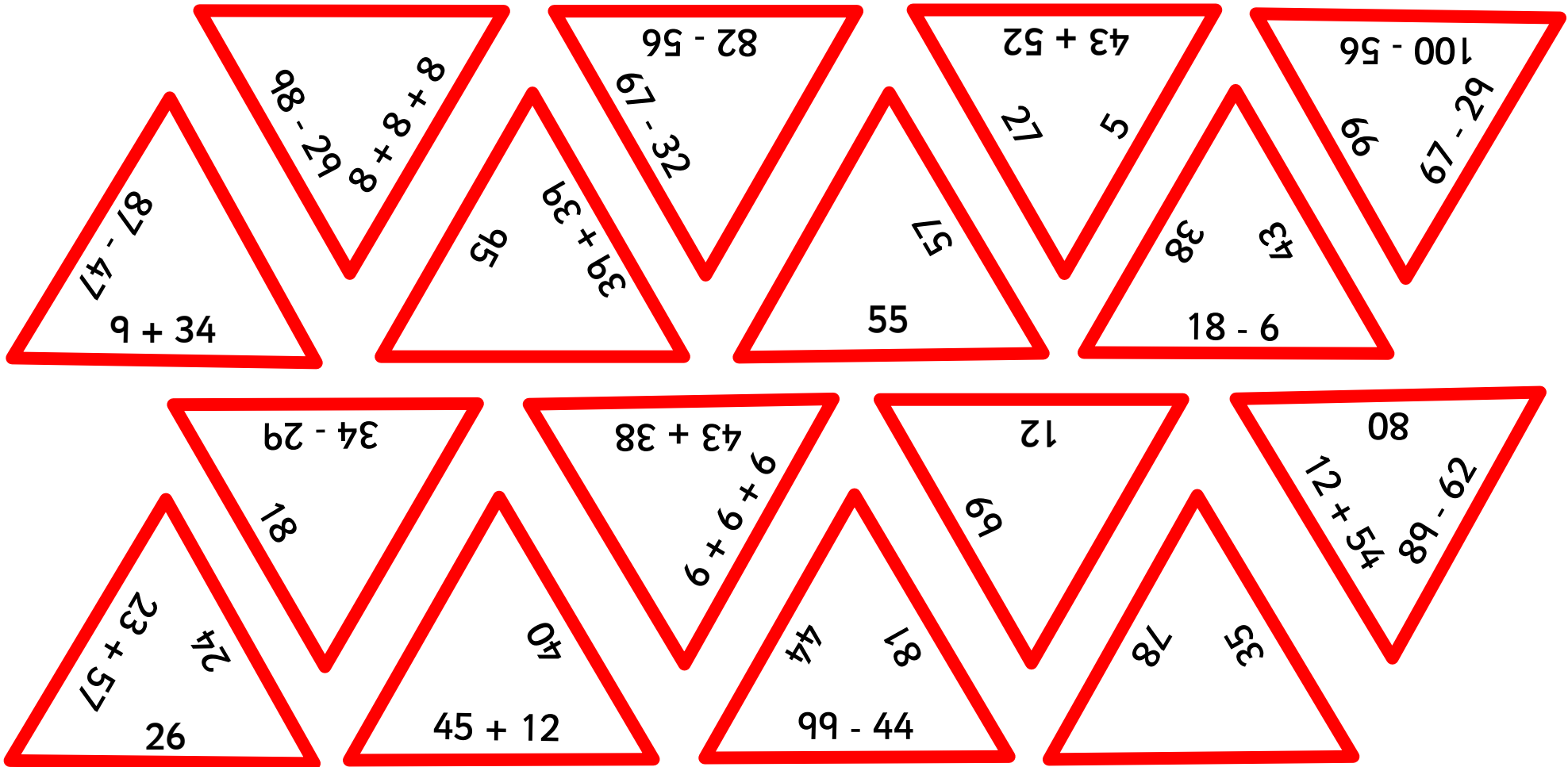
Brainbox Addition, subtraction, multiplication and division. Some calculations have brackets, larger numbers or missing numbers. Some calculations need to be balanced with other calculations rather than answers. There are calculations and answers around the edge which are not needed to add to the level of difficulty. Aimed at Year 6 Secure.

Genius Addition, subtraction, multiplication and division. Some calculations have brackets, larger numbers, missing numbers, algebra, powers, decimals or negative numbers. Some calculations need to be balanced with other calculations rather than answers. There are calculations and answers around the edge which are not needed to add to the level of difficulty. Aimed at Year 6 Mastery.

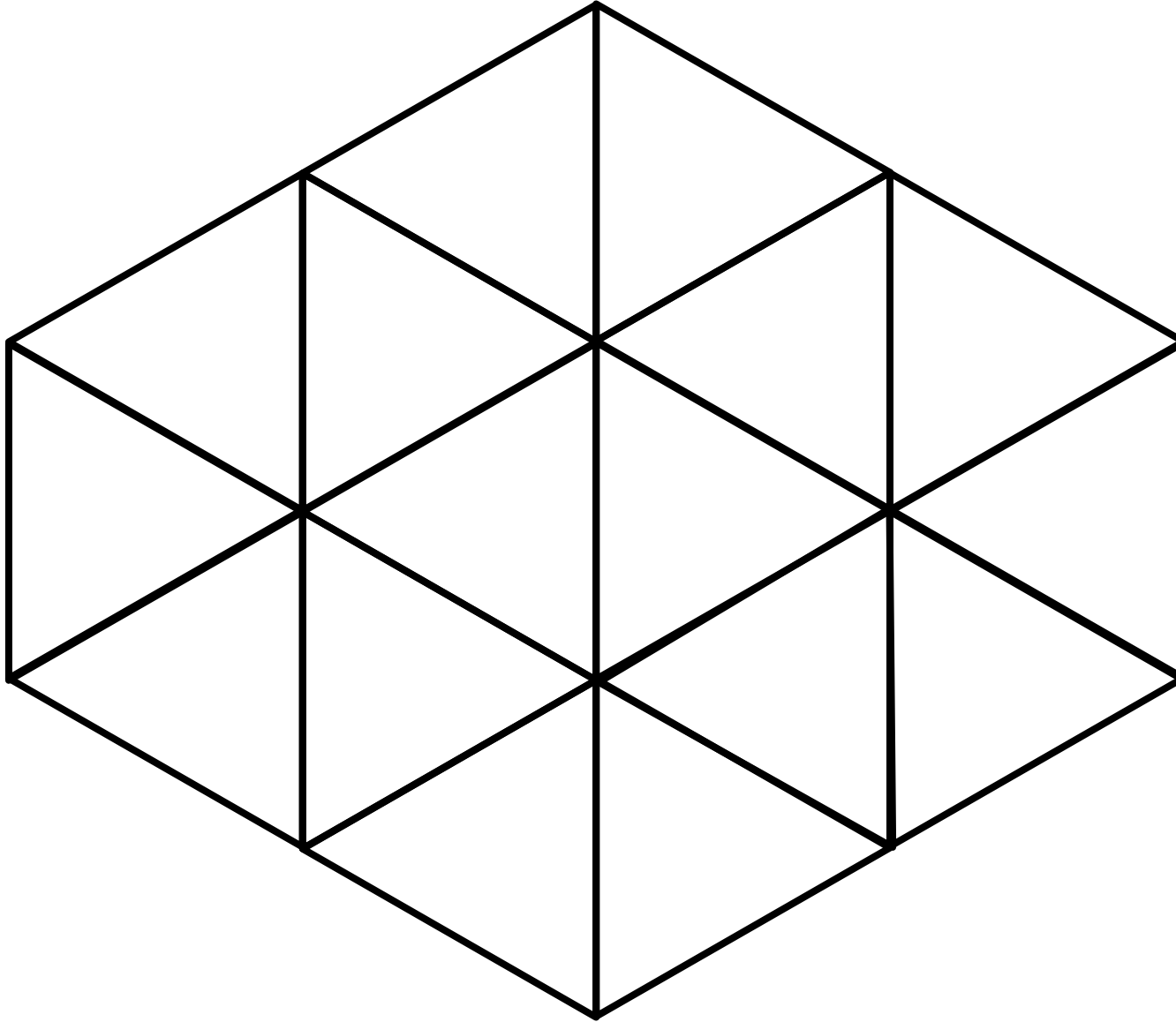
Did you like this resource? Don't forget to review it on our website.

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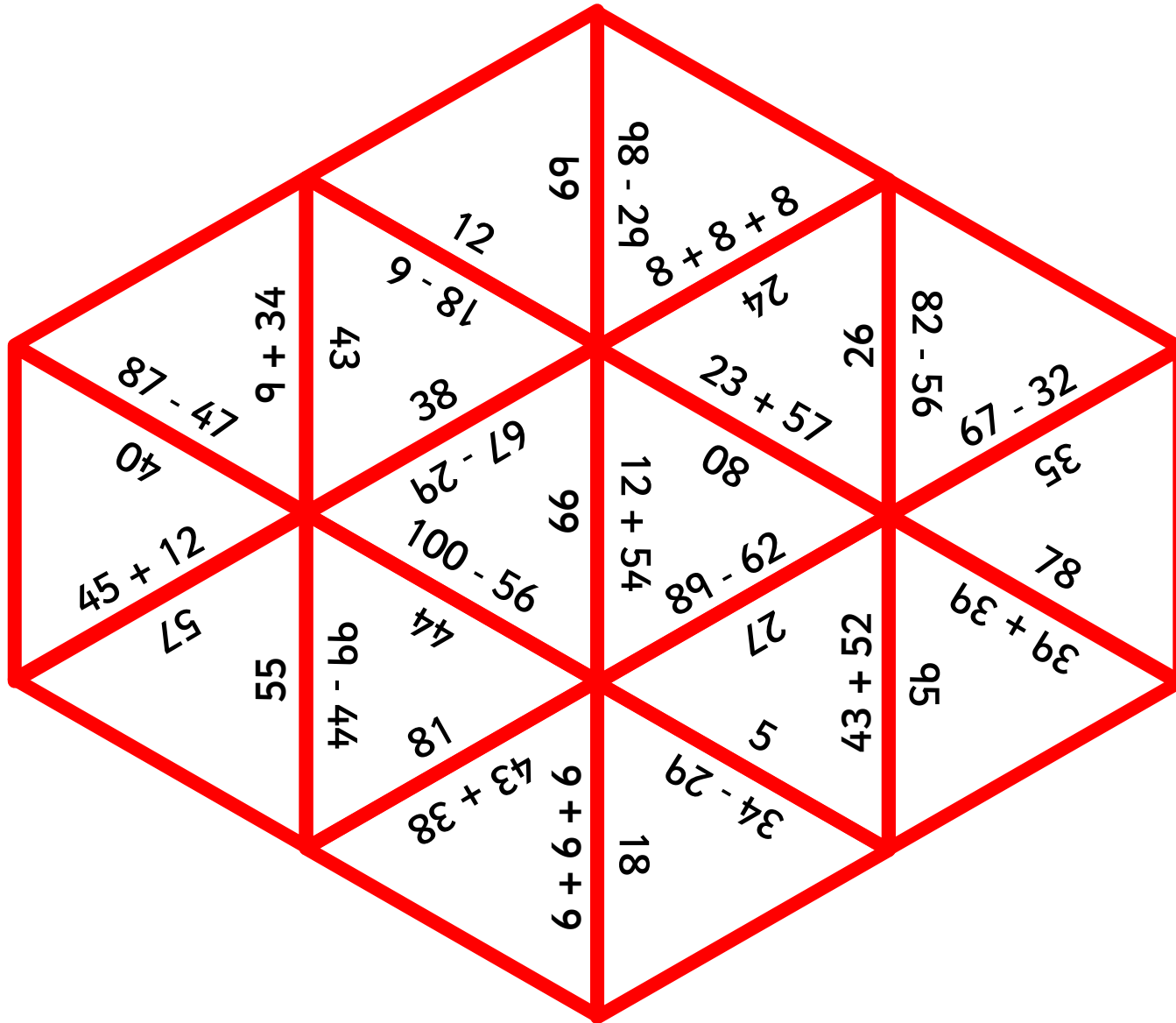
Cut out the triangles and place them edge to edge on the grid with matching calculations and answers touching each other.



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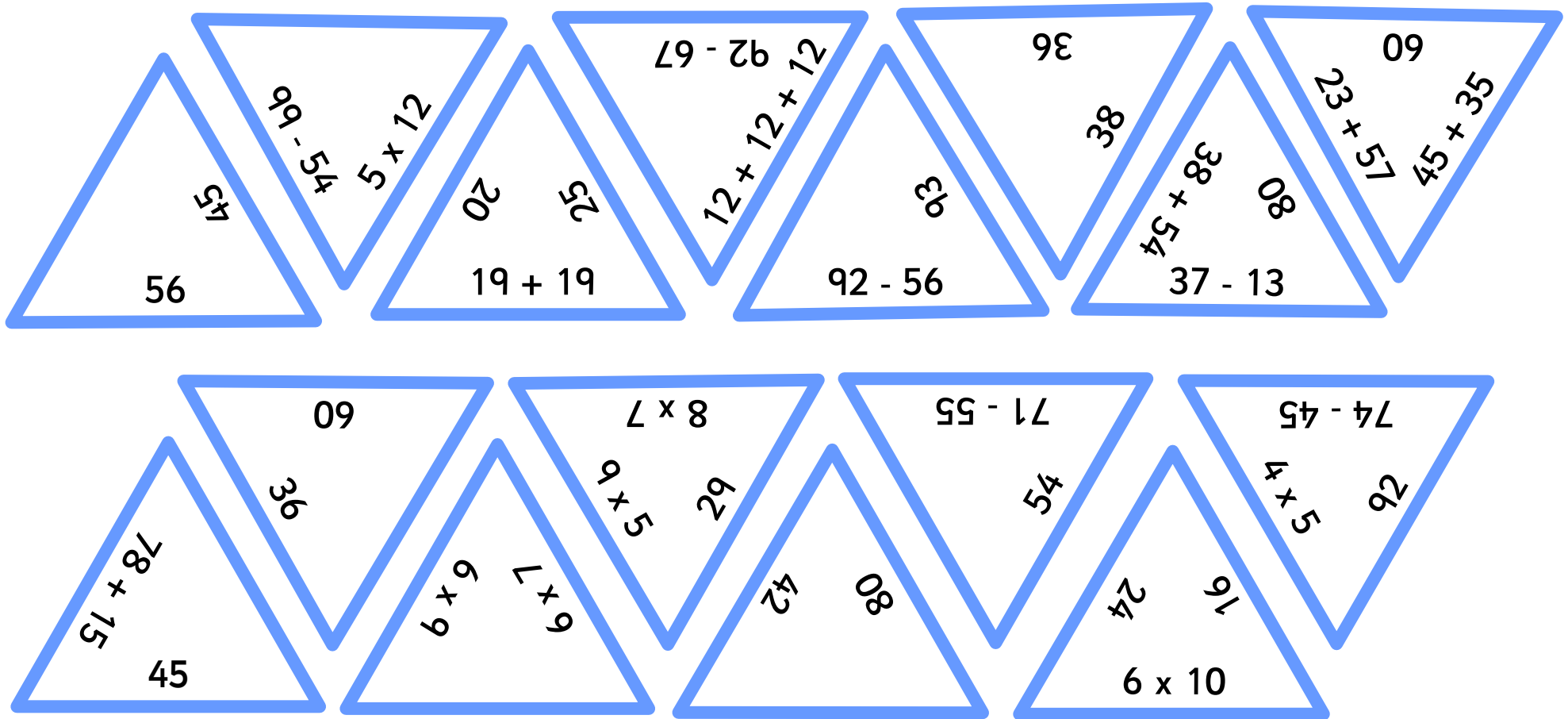


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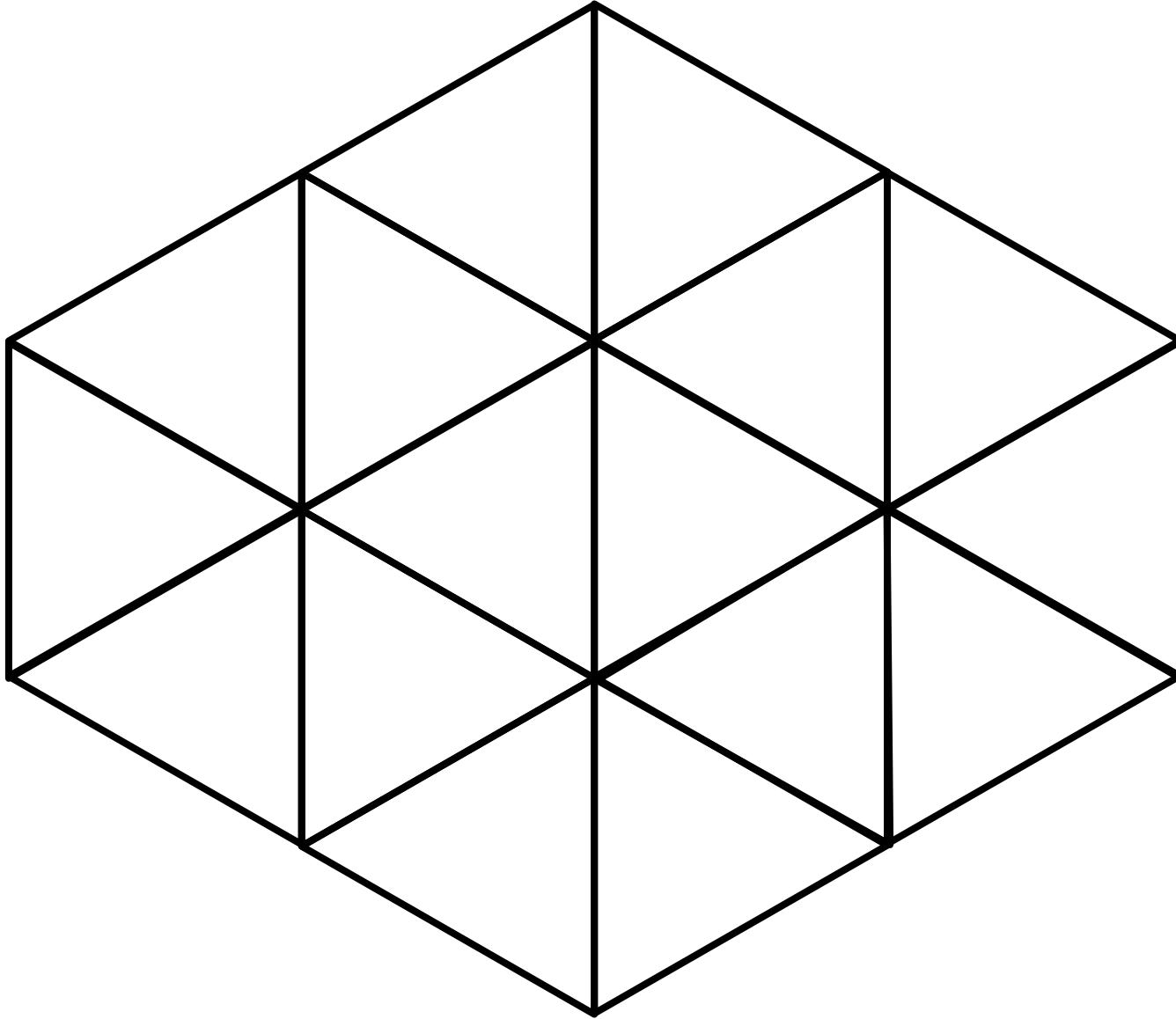


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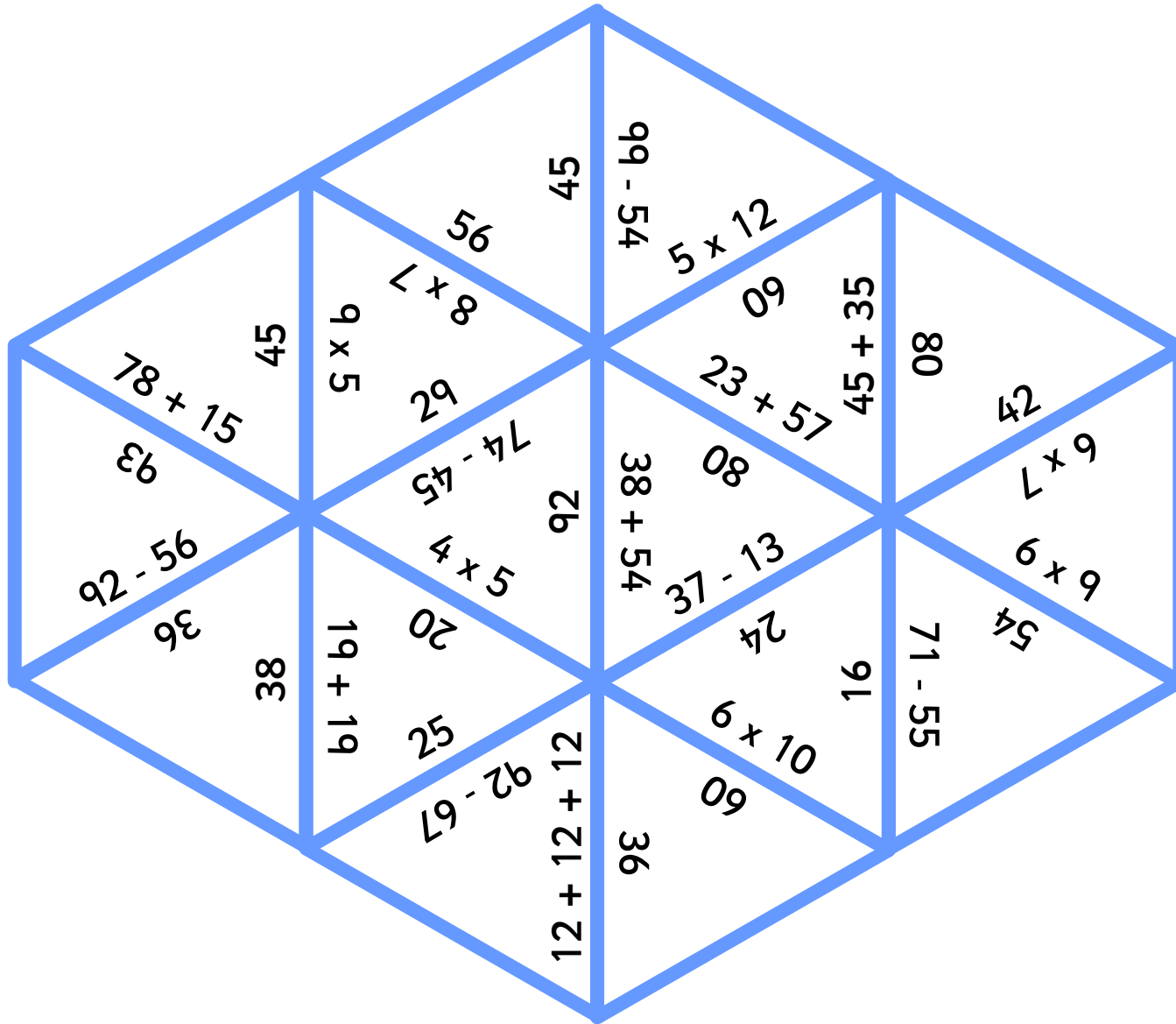
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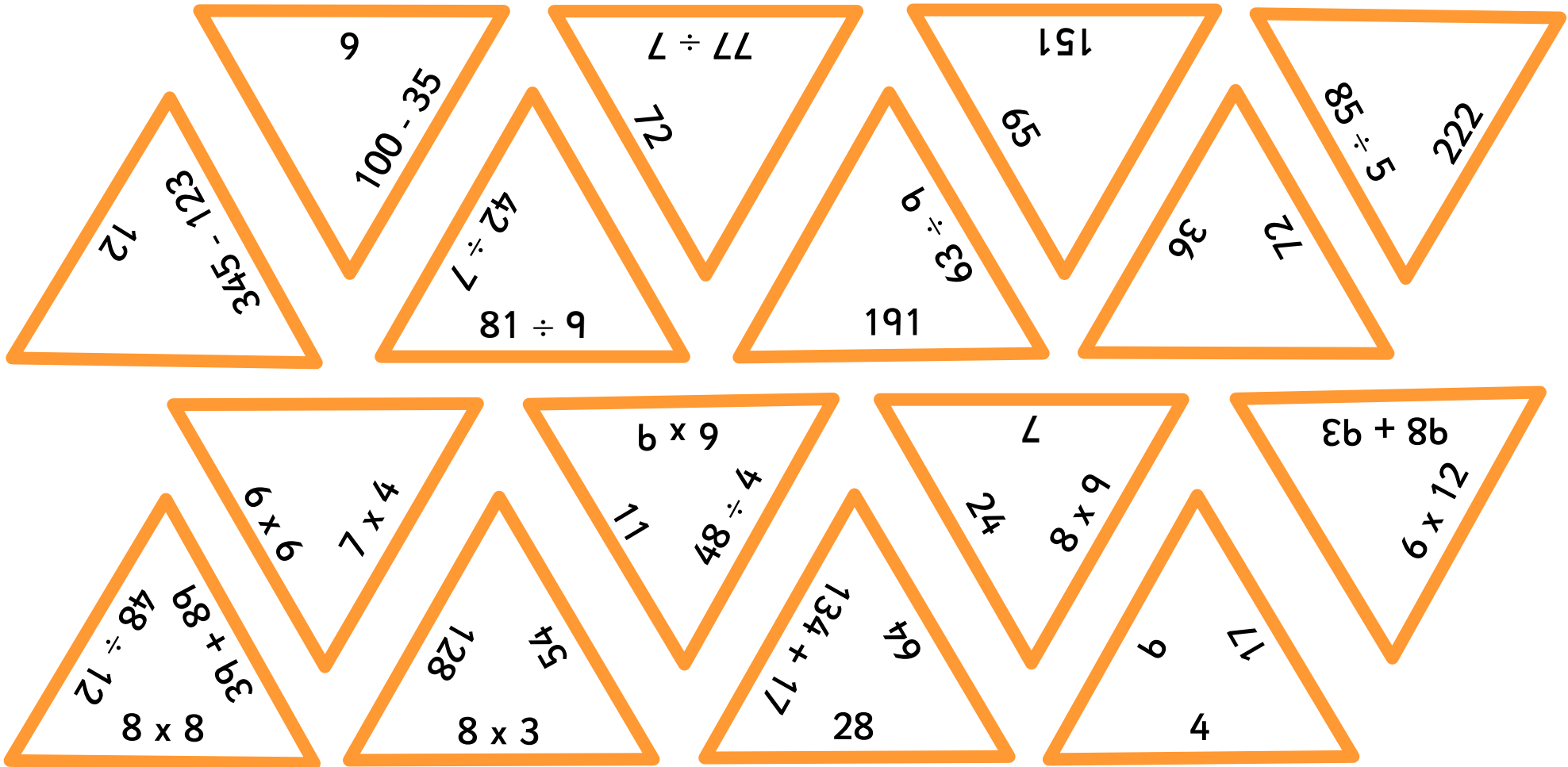


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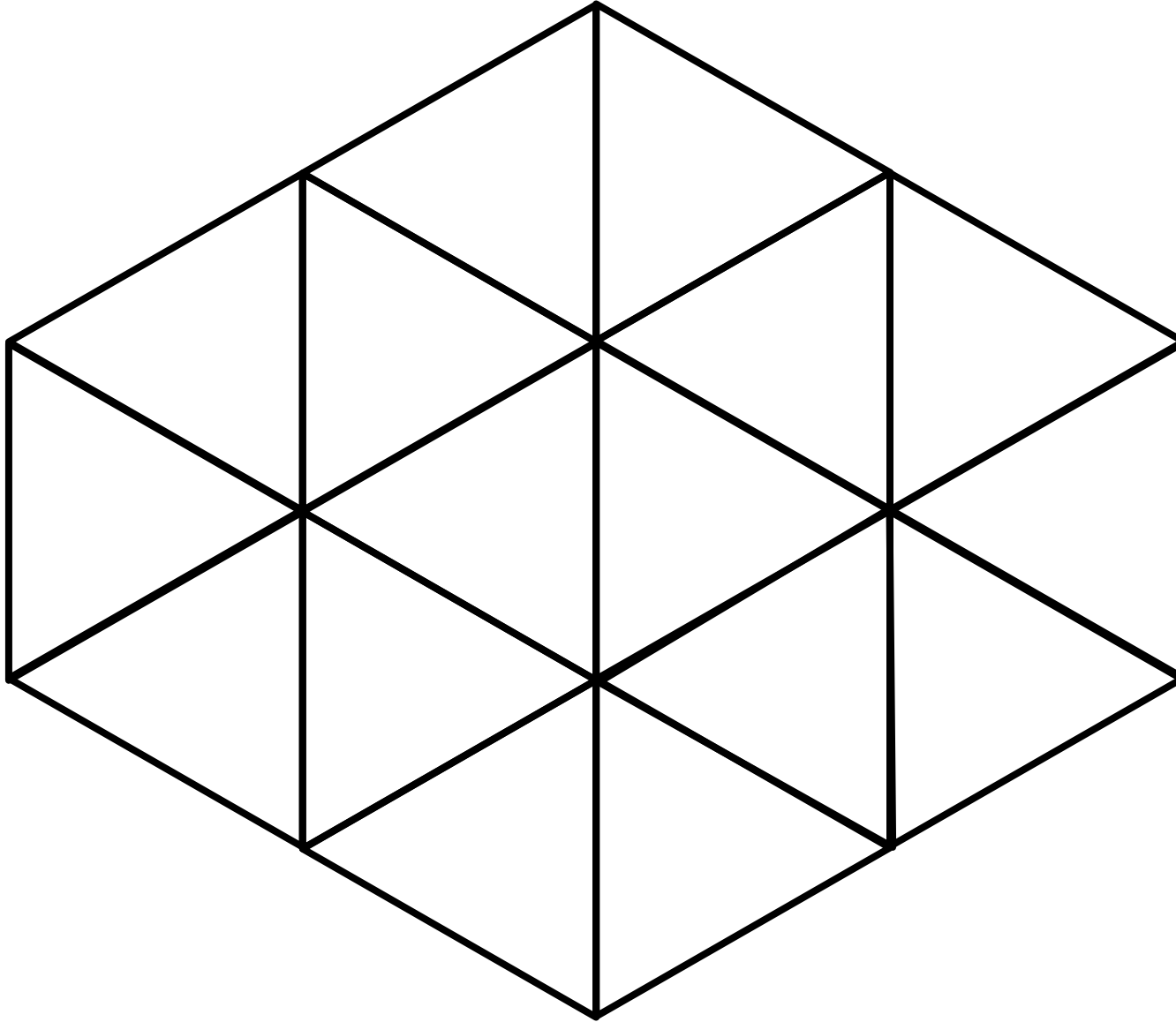


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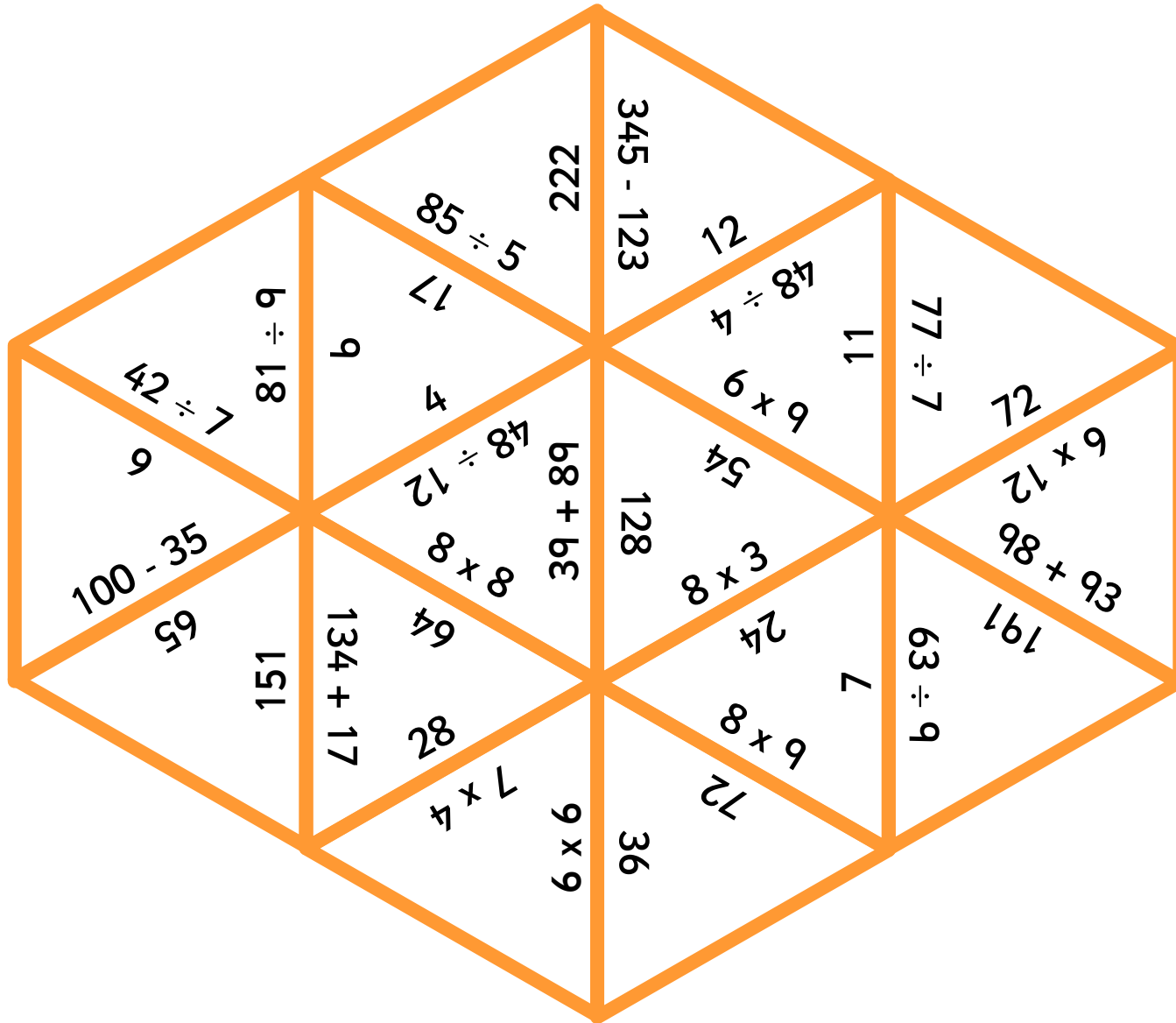
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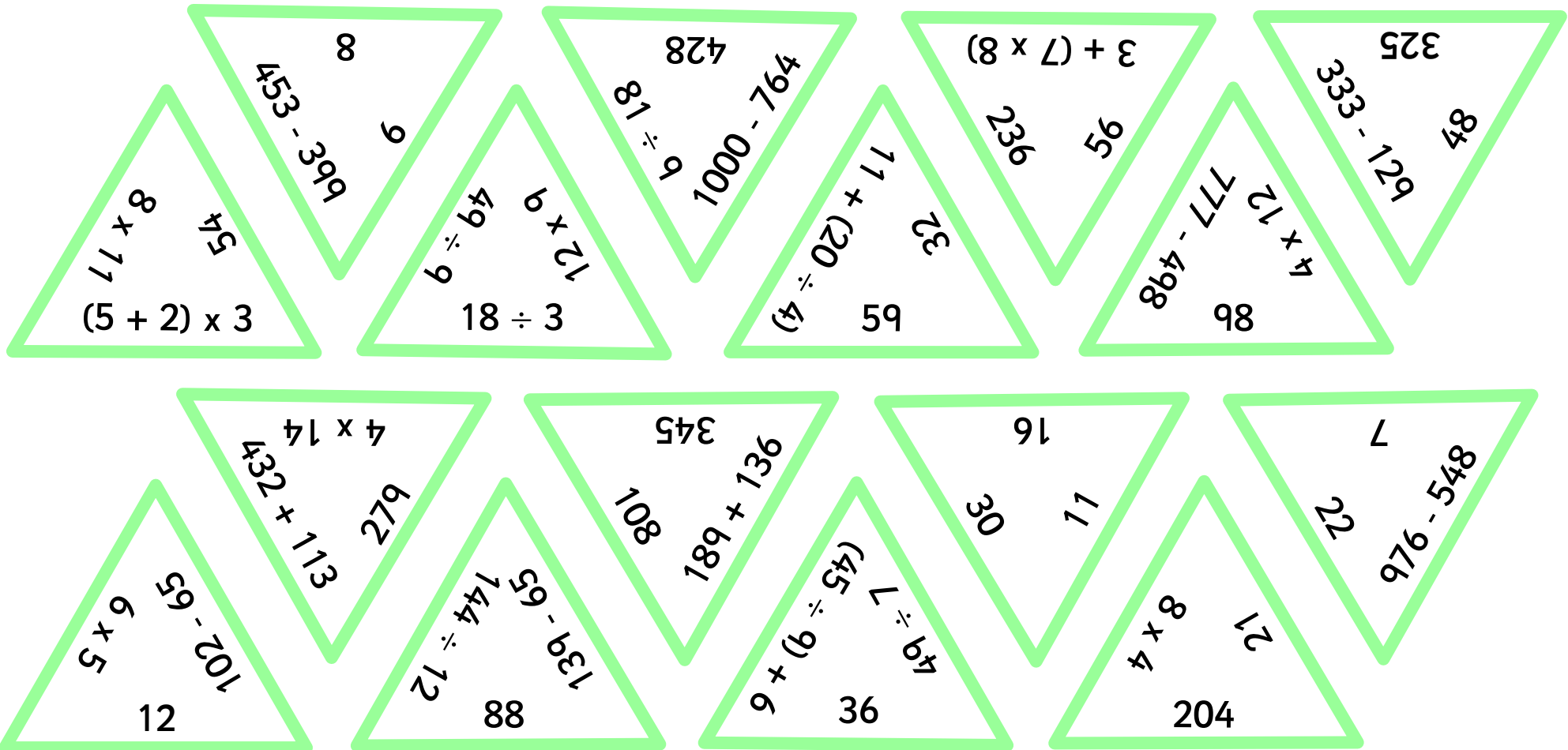


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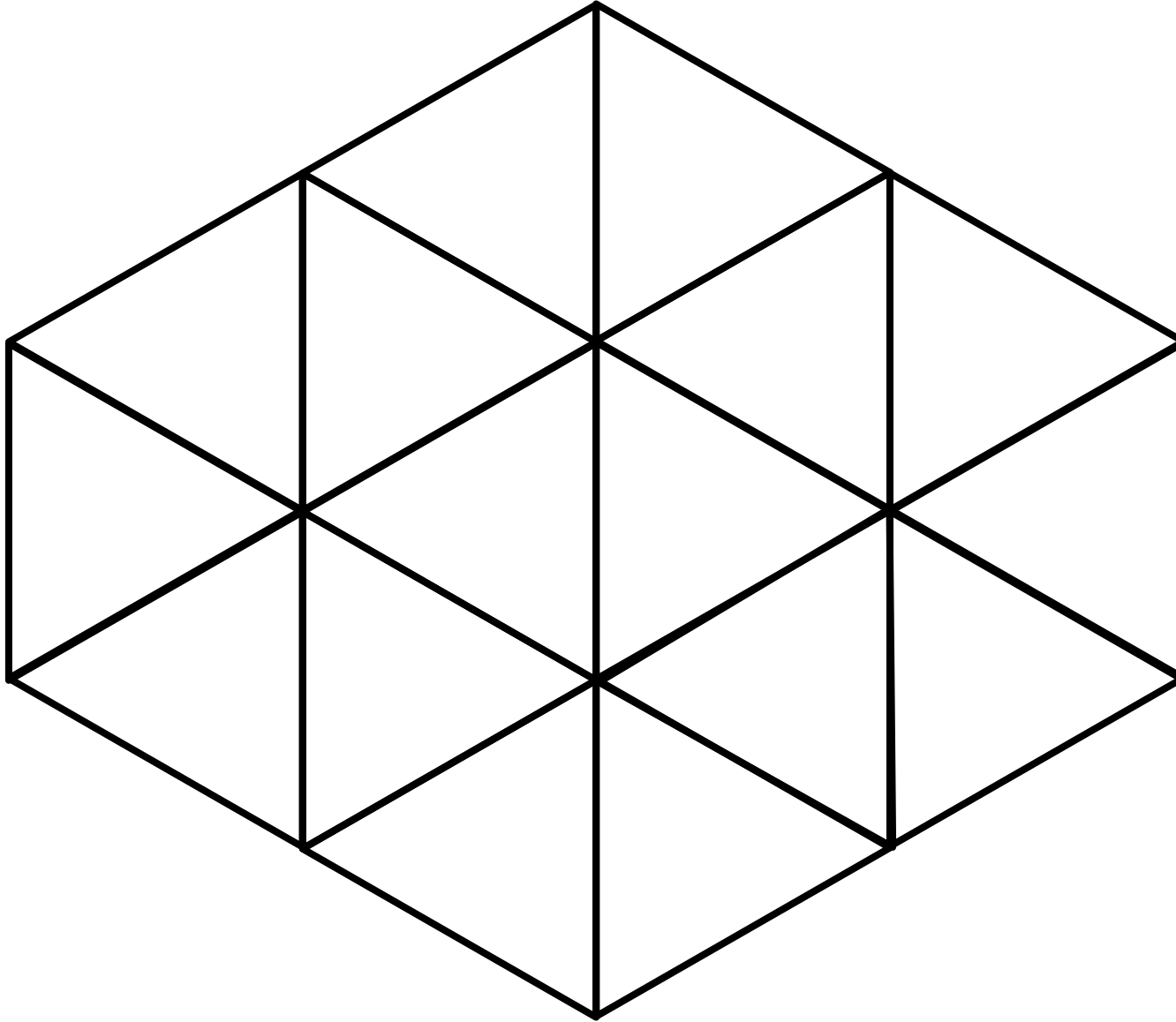


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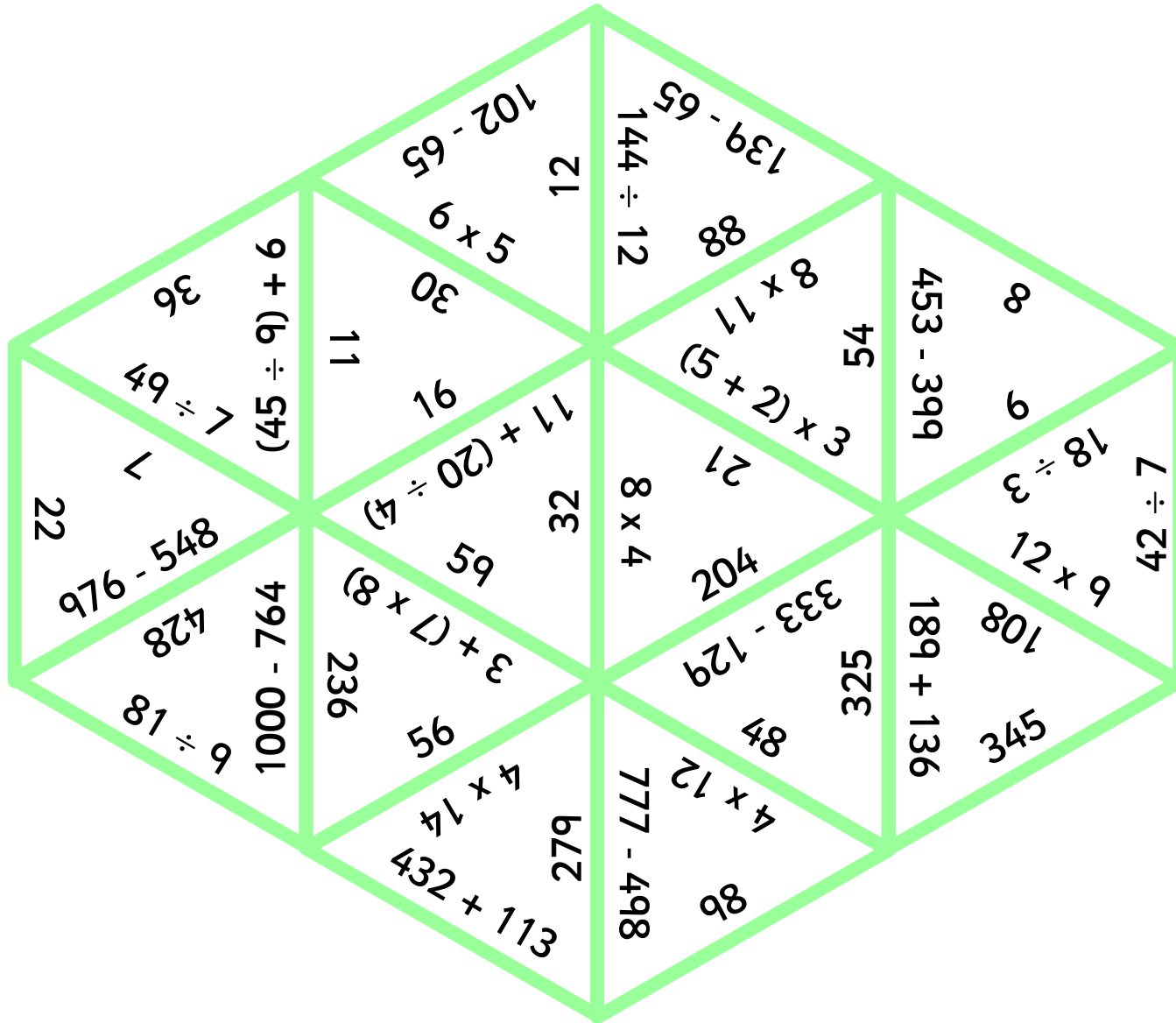
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Cut out the triangles and place them edge to edge on the grid with matching calculations and answers touching each other.

180
 $(2 \times ?) + 4 = 10$
 $144 \div 6$

421
 $408 \div 17$
31

$(3 \times 4) + (12 \times 3)$
 $89 + 565$
 $(45 \div 5) \times 3$

$(7 \times 8) - (5 \times 5)$
 $24 \div ? = 8$
 $1000 - 248$

32×54
 $119 - 65$
 111×4

$543 + (100 \div 20)$
103
 32×5

462
 $99 \div 11$
 $1000 - 346$

24
 $234 + 498$
 $34 + (23 \times 3)$

180
88
 $89 - ? = 43$

24
420
 $611 \div 13$

$10 \times (6 \times 7)$
 54×23
 14×33

3×3
2115
19

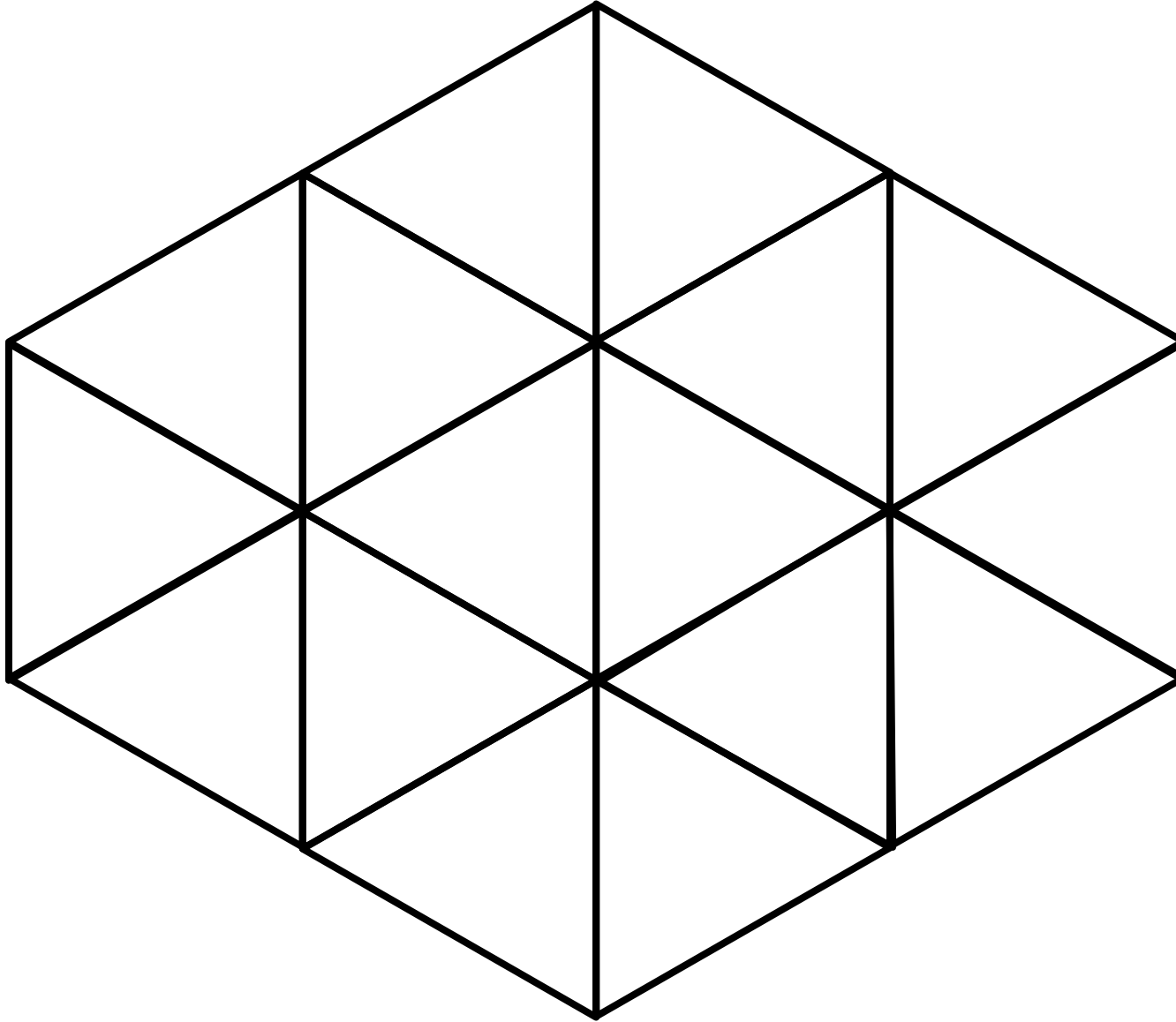
47×45
 $1000 - 452$
 $(45 \div 5) \times (36 \div 6)$

46
 $(32 + 9) \times 5$
1728

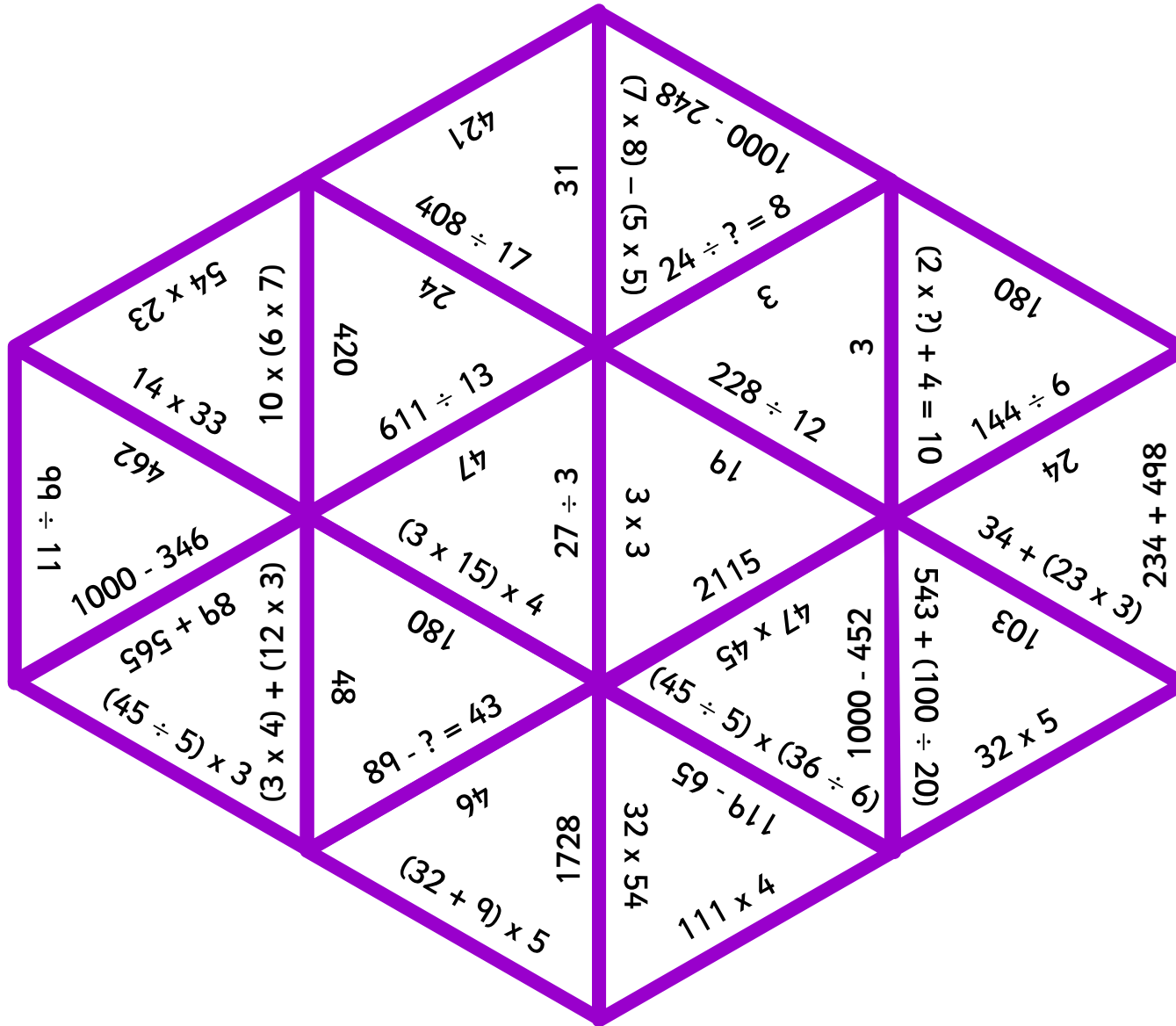
47
 $3 \div 12$
 $(3 \times 15) \times 4$

3
3
 $228 \div 12$

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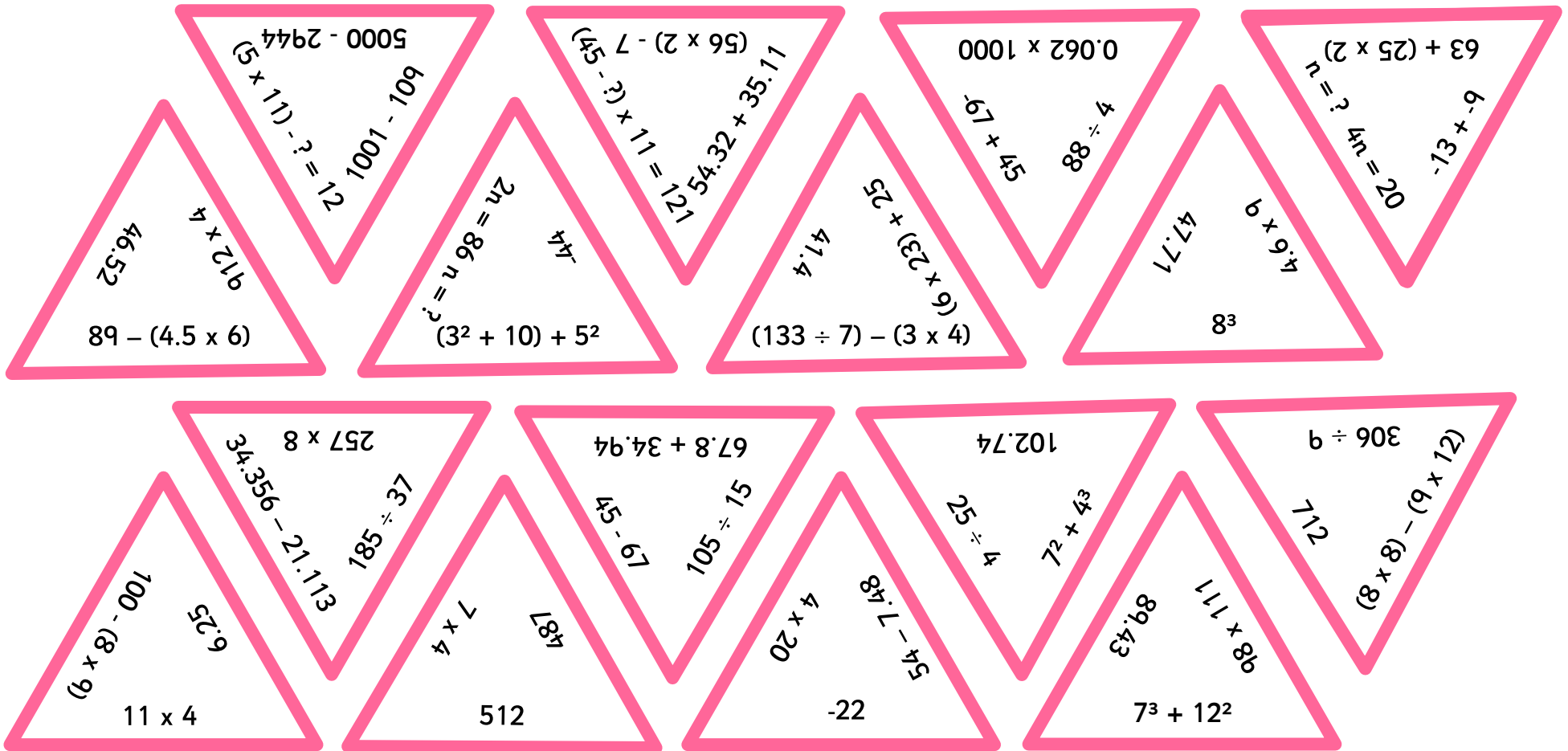


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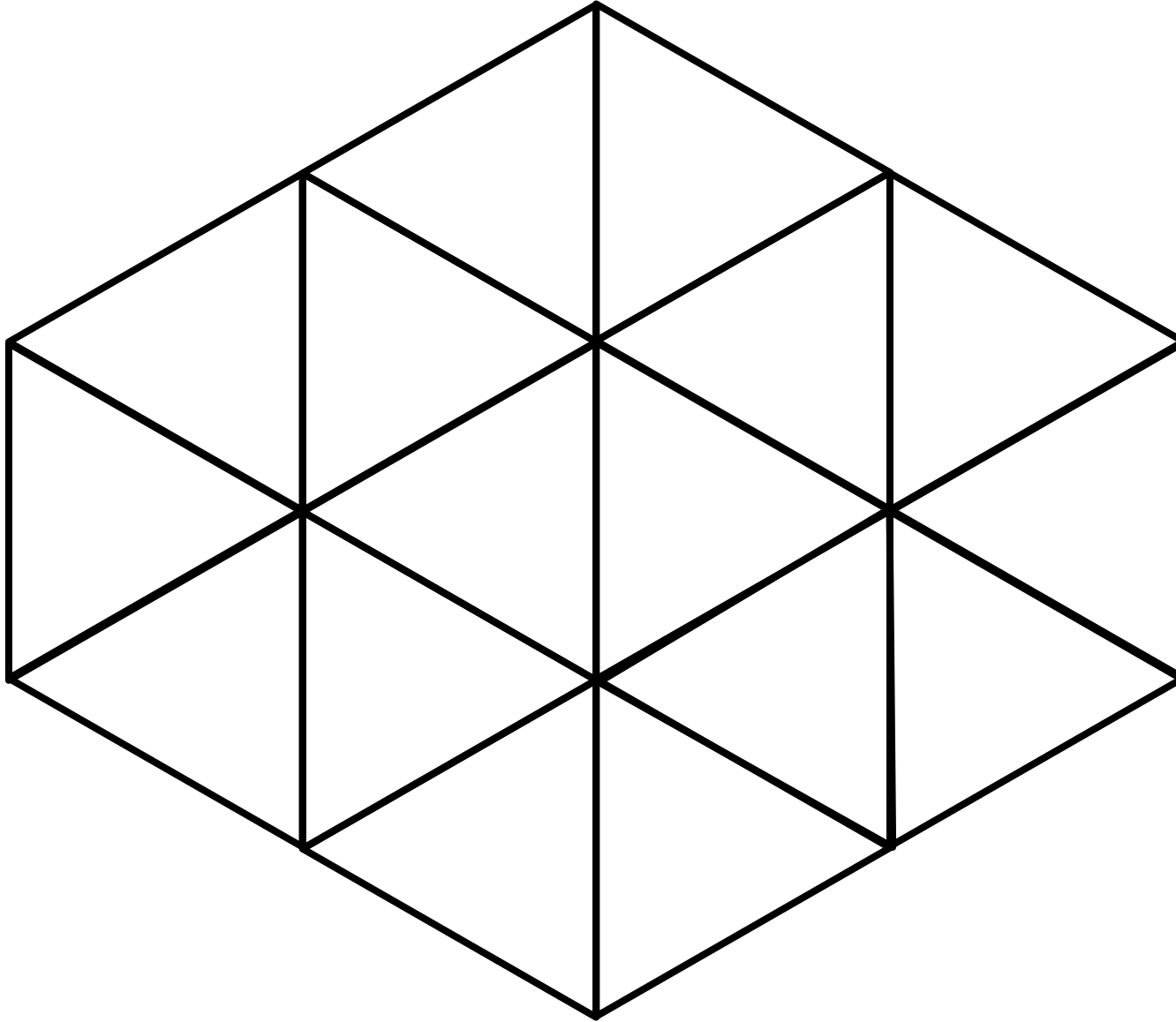


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98×8 98×111 $7^3 + 12^2$ 89.43 54.68 $(56 \times 2) + 35.11$ $(56 \times 2) - 7$	47.71 6×9.7 41.4 $(3 \times 3) - (7 \div 331)$ $105 \div 15$ $19 - 57$ 4×20 $87.7 - 45$ 46.52 7×216 $(9 \times 5.7) - 68$ 0.062×1000 $4 \div 88$ $-67 + 45$
487 512 4×7 $100 - (8 \times 9)$ 6.25 $25 \div 4$ 102.74 $46.73 + 8.19$ $105 \div 15$ $19 - 57$ 4×20 $87.7 - 45$ 46.52 7×216 $(9 \times 5.7) - 68$ 0.062×1000 $4 \div 88$ $-67 + 45$	487 512 4×7 $100 - (8 \times 9)$ 6.25 $25 \div 4$ 102.74 $46.73 + 8.19$ $105 \div 15$ $19 - 57$ 4×20 $87.7 - 45$ 46.52 7×216 $(9 \times 5.7) - 68$ 0.062×1000 $4 \div 88$ $-67 + 45$
712 $(8 \times 8) - (9 \times 12)$ $306 \div 9$ $121 = 11 \times (?) - 54$ $121 = 11 \times (?) - 54$ $121 = 11 \times (?) - 54$ $121 = 11 \times (?) - 54$	712 $(8 \times 8) - (9 \times 12)$ $306 \div 9$ $121 = 11 \times (?) - 54$ $121 = 11 \times (?) - 54$ $121 = 11 \times (?) - 54$ $121 = 11 \times (?) - 54$

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Mental Maths Tri-Jigsaw – Genius ANSWERS

Like this? Find more differentiated Mental Maths activities [here](#).