



MATCHING EQUATIONS

Match each of the following word problems to its equation and solution.

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|---|------------------------|-----------|
| W1. Busi is 5 years younger than Xoli and Xoli is 14 years old. How old is Busi? | E1. $6x = 144$ | S1. 8 |
| W2. Four apples and eight bananas cost 100 rand. Apples cost 9 rand each. How much do bananas cost? | E2. $2x + 12 = 96$ | S2. 36 |
| W3. When two numbers are multiplied together the product is 144. One number is 6. What is the other number. | E3. $14 - x = 5$ | S3. 54 |
| W4. If the sum of two numbers is 96 and their difference is 12, what is the larger number? | E4. $4x = 144$ | S4. 9 |
| W5. The perimeter of a square is 144 centimetres. What is the length of a side? | E5. $36 + 8x = 100$ | S5. 24 |

Then make up your own word problem, equation and solution.

Help

If you are struggling to get started – that’s good because your brain connections grow best when you struggle, keep trying, make mistakes, put them right, and finally succeed. Then you learn best and you get better and better at doing maths. You can do it!

Try starting with one of the S cards and try to see which equation it matches and which word problem it corresponds to. When you have those 3 cards matched, take another S card and see which equation it matches... and so on.

Extension

Make up a similar activity of your own? Or, a bit more challenging, you could create an activity with an ‘odd one out’, that is, one number on a S card that does not satisfy any of the equations. Then other learners can be given this task and asked to match the cards, spot the odd one out, and provide the correct solution.