Task notes | **Relationships**

Y5

Notes for parents. Activity next page.

The purpose of this task is to have your child:

- see how numbers are 'related', depending on the number operation (+, -, x, ÷) used

  In particular your child is encouraged to see that addition and subtraction are inverse operations, just as multiplication and division are inverse operations.

Inverse operations **reverse** the effect of another operation.

For example:
60 + 20 = 80, and 80 – 20 = 60. Subtraction 'undoes' addition, (or 'reverses the operation').
20 x 3 = 60, and 60 ÷ 3= 20. Division 'undoes' multiplication (or 'reverses the operation').

Think about this:

- Make sure that a pencil and paper are available.
- If your child sees an addition fact, encourage them to also see the 'related' subtraction fact.

  Similarly with multiplication and division.
- Encourage your child to see if they know a basic fact such as 3 x 2 = 6, this fact helps them with 3 x 20 = 60, or 30 x 20 = 600.
- As your child writes down equations to show the relationships that they find, have them explain some of these to you and together, check the equations for accuracy.

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What do you **notice** about these numbers?
Are any three numbers related? If so, show how.

How many **relationships** can you find?
Be sure to write them down.

15	300	45	10	
60	2	80	20	
90	40	1200		
600	4	400	30	3