

Maths Thursday Year 4 Challenge

Question 1

Dora is calculating $72 \div 3$
Before she starts, she says the
calculation will involve an exchange.

Do you agree?
Explain why.

Question 2

Use $<$, $>$ or $=$ to complete the
statements.

$$69 \div 3 \bigcirc 96 \div 3$$

$$96 \div 4 \bigcirc 96 \div 3$$

$$91 \div 7 \bigcirc 84 \div 6$$

Question 3

Eva has 96 sweets.
She shares them into equal groups.
She has no sweets left over.
How many groups could Eva have shared
her sweets into?

ANSWERS

<p>Dora is calculating $72 \div 3$ Before she starts, she says the calculation will involve an exchange.</p> <p>Do you agree? Explain why.</p>	<p>Dora is correct because 70 is not a multiple of 3 so when you divide 7 tens between 3 groups there will be one remaining which will be exchanged.</p>
<p>Use $<$, $>$ or $=$ to complete the statements.</p> <p>$69 \div 3$ <input type="radio"/> $96 \div 3$</p> <p>$96 \div 4$ <input type="radio"/> $96 \div 3$</p> <p>$91 \div 7$ <input type="radio"/> $84 \div 6$</p>	<p>$<$</p> <p>$<$</p> <p>$<$</p>
<p>Eva has 96 sweets. She shares them into equal groups. She has no sweets left over. How many groups could Eva have shared her sweets into?</p>	<p>Possible answers</p> <p>$96 \div 1 = 96$</p> <p>$96 \div 2 = 48$</p> <p>$96 \div 3 = 32$</p> <p>$96 \div 4 = 24$</p> <p>$96 \div 6 = 16$</p> <p>$96 \div 8 = 12$</p>