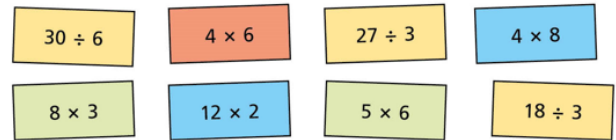


Extra Maths Challenges: Thursday 21st January 2021

Write $<$, $>$ or $=$ to compare the calculations.

- a) 4×3 2×6 e) $20 \div 4$ $20 \div 5$
- b) 8×3 4×6 f) $24 \div 2$ $36 \div 3$
- c) 5×3 3×4 g) $30 \div 10$ $30 \div 6$
- d) 3×4 4×5 h) $18 \div 2$ $18 \div 3$

Here are some calculation cards.



Write each calculation in the table.

Less than 6×4	Equal to 6×4	Greater than 6×4

Write one more calculation in each column.

Did you have to work out all the calculations?

Complete the statements.

- a) $7 \times 3 > \square \times 3$ c) $30 \div \square = \square \times 5$
- b) $24 \div \square < 2 \times 2$ d) $12 \times \square > 12 \div \square$

How many different ways can you complete the statements?

Evaluation:



10×5 has a product that is less than two lots of 5×5 .

Is Astrobee's statement true or false?
Explain your answer.

How many ways can you complete the sentences below?

7×3



$36 \div 6$



True or false?

$6 \times 7 < 6 + 6 + 6 + 6 + 6 + 6 + 6$

$7 \times 6 = 7 \times 3 + 7 \times 3$

$2 \times 3 + 3 > 5 \times 3$

Whitney says,



8×8 is greater than two lots of 4×8

Do you agree?

Can you prove your answer?