

To be able to multiply three numbers



Starter:
What's the same? What's different?

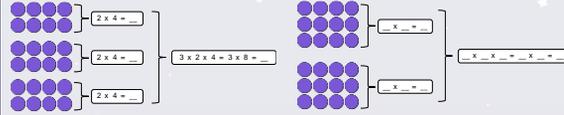
$2 \times 3 \times 4$ 3×8 4×6 $4 \times 2 \times 3$

Explain your answer.

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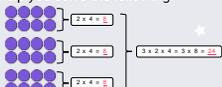
Activity 1:
Referring to the representations, complete the calculations below.



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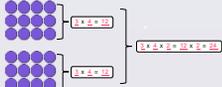


Activity 2:
Use mathematical equipment to create arrays to help you solve the following:

a) $4 \times 6 \times 3$ 

b) $8 \times 6 \times 4$

c) $6 \times 5 \times 8$

d) $7 \times 3 \times 6$ 

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Activity 3:
Select three playing cards at random between 3 and 8.



Use the three numbers represented by your three playing cards to create your own multiplying three numbers calculations.

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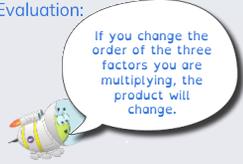


Activity 4:
James says, "If you multiply three numbers together and the final product you multiply is odd, the product will be odd."
Is James's statement always, sometimes or never true?
Provide examples to support your answer.

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Evaluation:



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