

Roll the Dice

It's a beautiful summer day! Olivia, Liam, Jackson, and Sophia are playing a board game outside. They need to roll the dice and move their game pieces across the board. Let's watch them play!

It's Olivia's turn. She rolls a 5 and a 2. How many spaces can she move her piece? We need to multiply 5 times 2 to find out!

How can we help Olivia solve 5 times 2? We have strategies to help us! They are tools that help us multiply. We can use counters, an array, a multiplication picture, or skip counting.

Olivia wants to use counters! How many counters do we need to find the answer?

That is right! We need 5 groups of 2 counters to solve 5 times 2. Let's add the groups of counters to find the answer. 2 plus 2 equals 4. 4 plus 2 equals 6. 6 plus 2 equals 8. 8 plus 2 equals 10. 5 times 2 equals 10! Olivia can move her piece 10 spaces!

It's Liam's turn. He rolls a 4 and a 4. How many spaces can he move his piece? We need to multiply 4 times 4!

Liam wants to use an array! How many rows do we need? How many dots go in each row?

You've got it! We need 4 rows with 4 dots in each row. Let's add each row to find the answer. 4 plus 4 equals 8. 8 plus 4 equals 12. 12 plus 4 equals 16. 4 times 4 equals 16! Liam can move his piece 16 spaces!

Now it is Jackson's turn. He rolls a 6 and a 2. How many spaces can he move his piece? We need to multiply 6 times 2!

Jackson wants to use a multiplication picture! We have 6 circles for the 6 groups. How many dots go in each circle?

Yes! We need 2 dots in each circle. Can you add the groups of 2 to get the answer? Start with 2 plus 2.

12! There are 12 dots. That means 6 times 2 equals 12! Jackson can move his piece 12 spaces!

It is finally Sophia's turn. She rolls a 3 and a 5. How many spaces can she move her piece? We need to multiply 3 times 5!

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Sophia wants to skip count! What number are we skip counting?

5! We are skip counting by 5 three times. That is a number we know how to skip count! 5, 10, 15. 3 times 5 equals 15! Sophia can move her piece 15 spaces!

Thanks for helping Olivia, Liam, Jackson, and Sophia multiply! They love playing games outside!