

Materials Needed:

- Paper or whiteboard
- Pencils, crayons, or markers
- Optional: Calculator for checking answers

Jumping Spider Jump-tastic Arithmetic!

Wow, Jumping Spiders are so neat! They have amazing eyesight and can jump super far for their size. Let's use these cool eight-legged friends to practice our arithmetic skills today. Get ready to jump into math!

Spider Leg Math (Multiplication Fun)

Like most spiders, jumping spiders have 8 legs. Let's count them up!

- If you see 1 jumping spider, how many legs does it have? ($1 \text{ spider} \times 8 \text{ legs each} = ?$)
- If there are 3 jumping spiders hanging out together, how many legs do they have in total? ($3 \text{ spiders} \times 8 \text{ legs each} = ?$)
- Can you draw 5 jumping spiders? Now, count all their legs. Write a math sentence for it! ($5 \times 8 = ?$)

Jumping Adventures (Addition & Subtraction)

Imagine a tiny jumping spider named J.J. (short for Jumpy Jumper!).

1. J.J. is on a big green leaf. He jumps 14 inches to catch a yummy fly! Then, he jumps 11 inches to get to another leaf. How far did J.J. jump altogether? ($14 + 11 = ?$)
2. J.J. sees a cricket 30 inches away. He makes a big jump of 22 inches towards it. How many more inches does J.J. need to jump to reach the cricket? ($30 - 22 = ?$)
3. On Monday, J.J. ate 6 small bugs. On Tuesday, he ate 8 bugs. On Wednesday, he ate 10 bugs! How many bugs did J.J. eat over those three days? ($6 + 8 + 10 = ?$)
4. J.J.'s friend, Spinner, caught 45 dew drops on her web. J.J. caught 28 dew drops on his leaf. How many more dew drops did Spinner catch than J.J.? ($45 - 28 = ?$)

Eye Spy! (More Counting)

Jumping spiders usually have 8 eyes! Two big ones in the front help them see clearly.

- If 4 jumping spiders are looking at you, how many big front eyes are there? (Each spider has 2 big front eyes: $4 \times 2 = ?$)
- How many eyes do those 4 spiders have in total? (Each spider has 8 eyes: $4 \times 8 = ?$ You could also add: $8 + 8 + 8 + 8 = ?$)

Brain Teaser!

A jumping spider's jump can be 20 times its body length. If a jumping spider is 3 centimeters long, how far can it jump? (Think: 20 jumps of 3 cm each, or $20 \times 3 = ?$ Hint: 10×3 is 30, so 20×3 is double that!)

Fantastic math work today! You used jumping spiders to become an arithmetic explorer. Remember to look closely at the small things around you; you might find more math hiding there!