

Whole School Learning

Maths Challenges

Foundation Stage

Can you make a number monster? Roll a dice. Give your monster this number of eyes, arms and legs. Write your number next to your monster.

<https://eslkidsgames.com/classroom-dice>

Key Stage 1

The answer is 24. What could the question be?

Can you use at least 2 different operations to make this total?

Lower Key Stage 2

Add me to myself and multiply by 4. Divide me by 8 and you will have me once more. What number am I?

Upper Key Stage 2

Use four different digits and the \times symbol to make the highest total e.g. 3, 7, 5, 1 gives $157 \times 3 = 471$ or $37 \times 51 = 1887$.

What conclusions can you make?

What predictions can you make about using 5 or 6 digits?