

PUZZLERS

Photocopy this page to use in class.



FOUNDATION STILL HUNGRY!

In the story of *The Very Hungry Caterpillar*, how much food does the caterpillar eat over the whole week? Draw pictures or use materials to help you.

What if the hungry caterpillar ate seven pieces of food altogether? Which foods could you put together to make seven? (e.g. two pears and five oranges).

Image: Eric Carle's *The Very Hungry Caterpillar*

YEARS 1 AND 2 HOW MANY COWS?

Farmer Brown and Farmer Green were ruminating one day on the fence between their farms. Farmer Brown says, 'You know I was just thinking. If you gave me one of your cows, then we would have the same number of cows.' Farmer Green replies, 'If you gave me one of your cows, then I would have twice as many as you!'

How many cows does Farmer Brown have and how many cows does Farmer Green have?

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YEARS 3 AND 4 COCONUT GIVEAWAY

An intelligent trader travels from one place to another carrying three sacks having 30 coconuts each. No sack can hold more than 30 coconuts. On the way he passes through 30 checkpoints and on each checkpoint he has to give one coconut for each sack he is carrying. How many coconuts are left in the end?

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YEARS 5 AND 6 GIRLS, BACKPACKS AND CATS

1. There are seven girls on a bus.
2. Each girl has seven backpacks.
3. In each backpack, there are seven big cats.
4. For every big cat there are seven little cats.
5. How many legs are on the bus not counting the driver?

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