

Chicken & Rabbit Problems

CKSTEM Math Problem Solving · Grades 4–7

Try each problem on your own first — then watch the solution videos.

L0 Pretend Method

Nori is feeding the chickens and rabbits at a rescue farm. There are 5 animals altogether. Counting their legs, there are 14. How many rabbits live at the farm?

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L1 Pretend Method (reapplied)

Devon is at a community repair day, fixing bikes and trikes to donate. There are 12 vehicles altogether. They have 28 wheels in total. How many tricycles did Devon fix?

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L2 Pretend Method (larger gap)

Asha is at a Saturday craft workshop. The kids are gluing sticks into shapes. Triangles have 3 sticks. Hexagons have 6 sticks. They built 15 shapes altogether. Counting all the sticks, there are 75. How many hexagons did the kids build?

WORK IT OUT HERE

L3 Trim, Then Pretend

Mira is weaving friendship bracelets for a children's hospital. Small bracelets use 2 beads. Large bracelets use 7 beads. There are 6 more large bracelets than small. Counting all the beads, there are 78. How many small bracelets did Mira weave?

WORK IT OUT HERE

L4 Ratio Block

Riya is packing gift baskets for elderly residents at a retirement home. Regular baskets hold 3 items each. Big baskets hold 5 items each. Riya packs twice as many big baskets as regular ones. Counting all the items, there are 78. How many regular baskets did Riya pack?

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L5 Signed Pretend

Sora is taking a school math quiz. Each correct answer earns 5 points. Each wrong answer loses 2 points. Sora answered all 30 questions and scored 80 points. How many did Sora get right?

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