

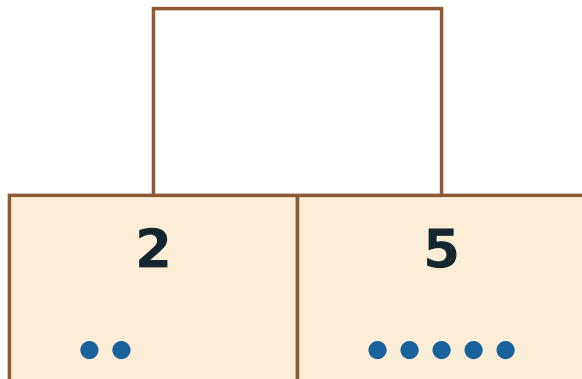
Build the Number Wall

Kindergarten | 2026-10-30 | Worksheet

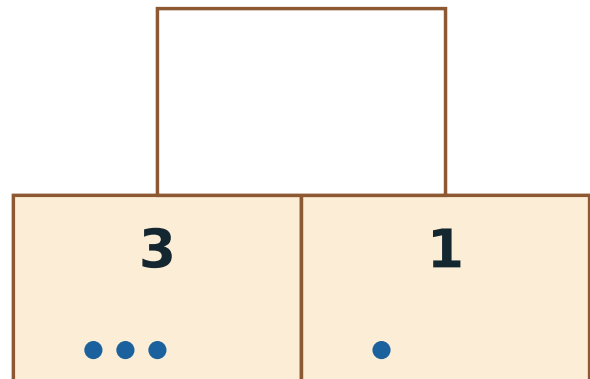
An adult can read this aloud. Each top brick is the two bricks under it put together. Count the dots, add, and write the missing number.

Put the two bottom bricks together to make the top brick. In walls 03 and 04, find the missing bottom brick.

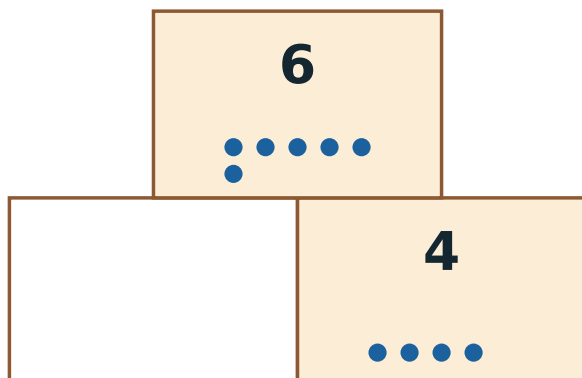
01



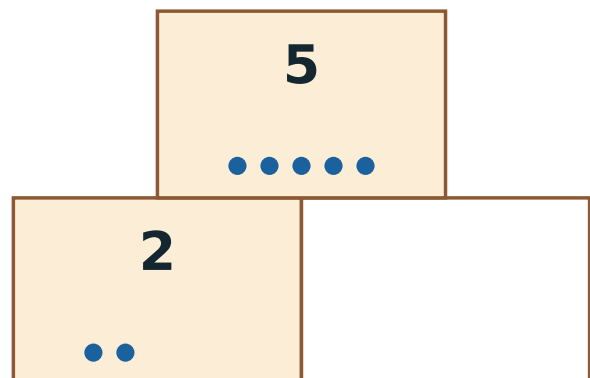
02



03

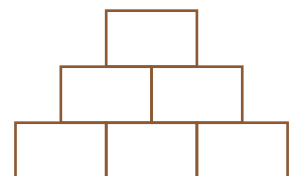


04



05 Your turn to design

Write three numbers in the bottom row of the empty wall and build it up. Then erase three bricks so a partner can still rebuild it.

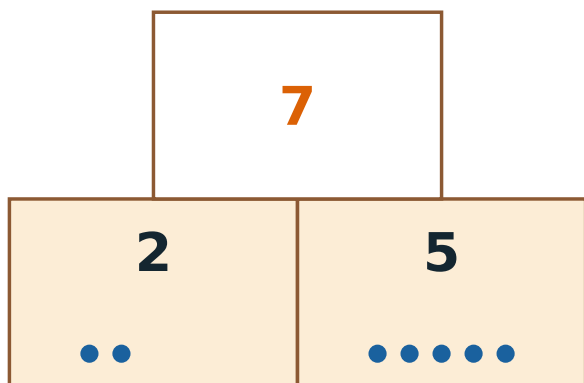


Build the Number Wall

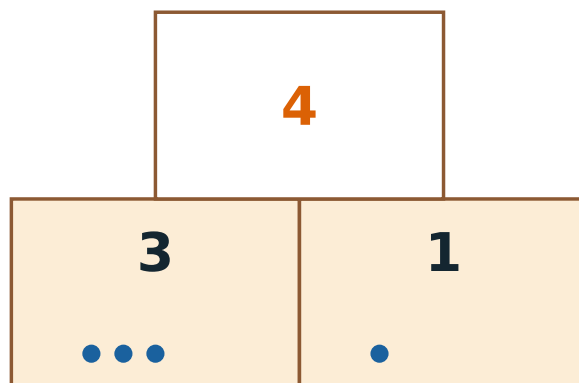
Kindergarten | 2026-10-30 | Answer key

Orange numbers are the bricks that were empty. Check any brick: it must equal the sum of the two bricks below it.

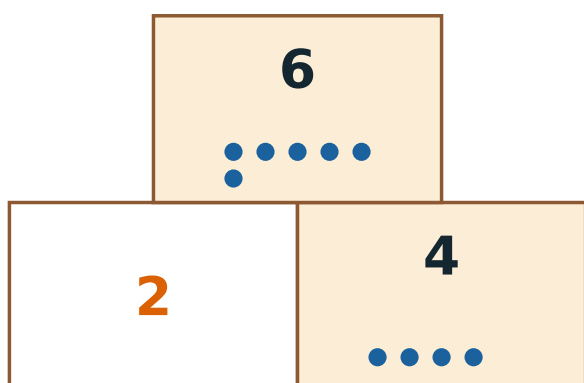
01



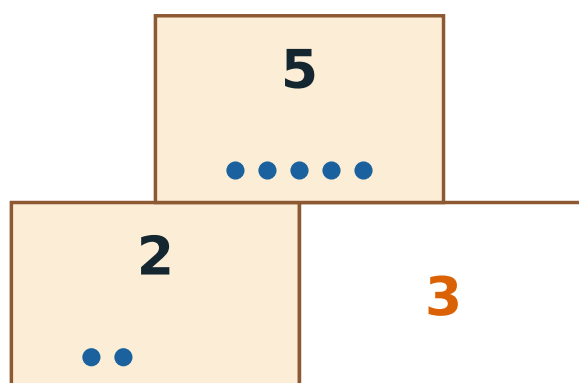
02



03



04



05 Open task: checking criteria

Every brick in the partner's wall equals the sum of the two below it, and the three bricks left blank can be found one at a time. Many different walls are correct.



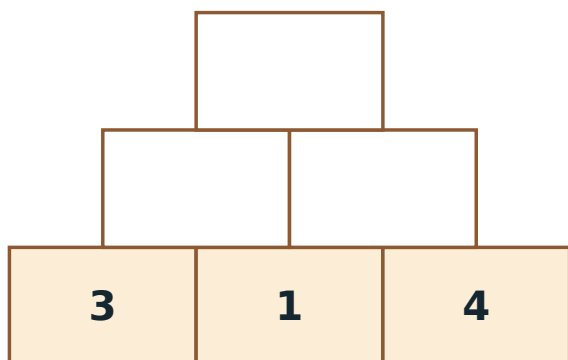
Build the Number Wall

Grade 1 | 2026-10-30 | Worksheet

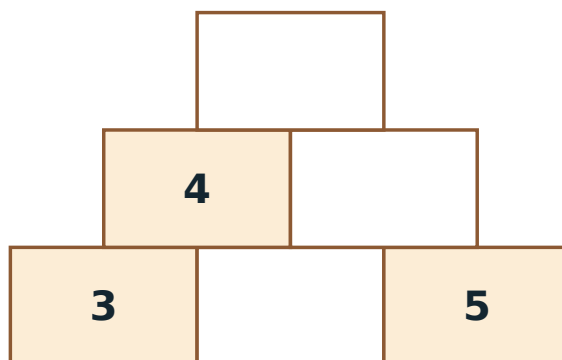
In a number wall, each brick is the sum of the two bricks directly below it. Fill in every empty brick. If you know a brick and one of the two bricks under it, subtract to find the other one.

Add to climb the wall. Some walls start at the top: think “what plus this makes that?”

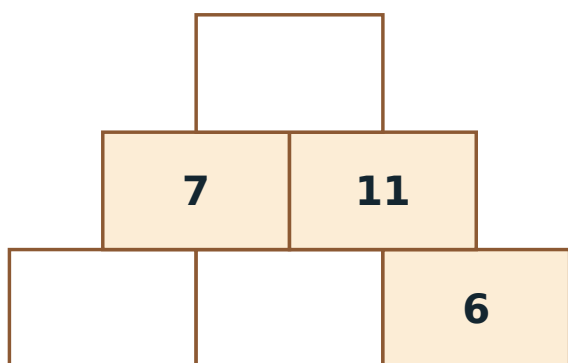
01



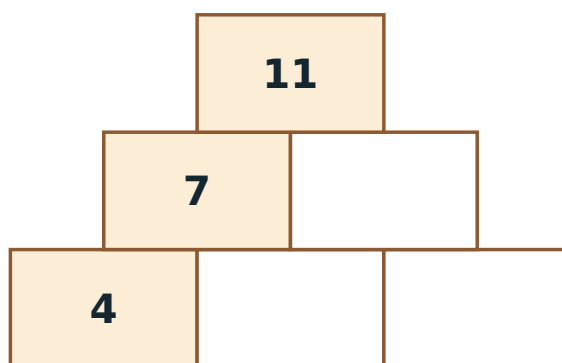
02



03

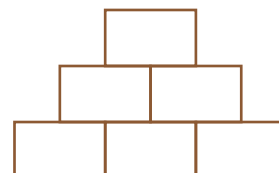


04



05 Your turn to design

Write three numbers in the bottom row of the empty wall and build it up. Then erase three bricks so a partner can still rebuild it.

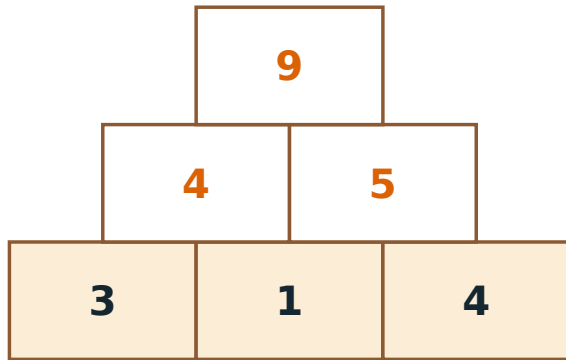


Build the Number Wall

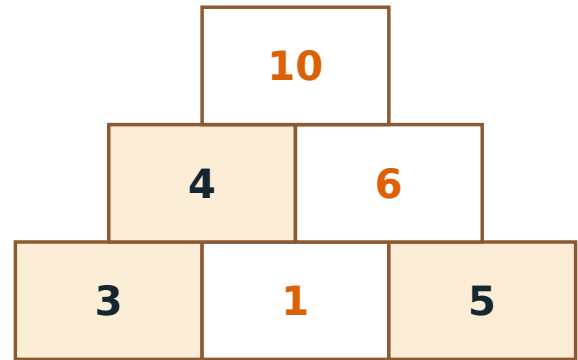
Grade 1 | 2026-10-30 | Answer key

Orange numbers are the bricks that were empty. Check any brick: it must equal the sum of the two bricks below it.

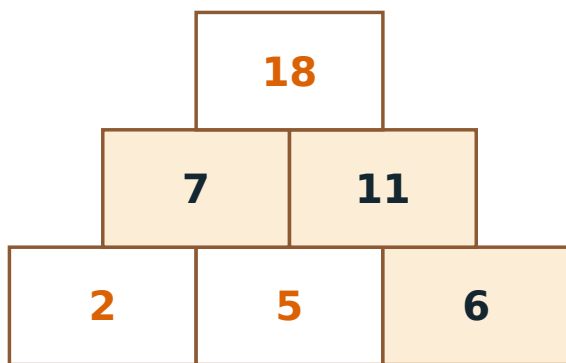
01



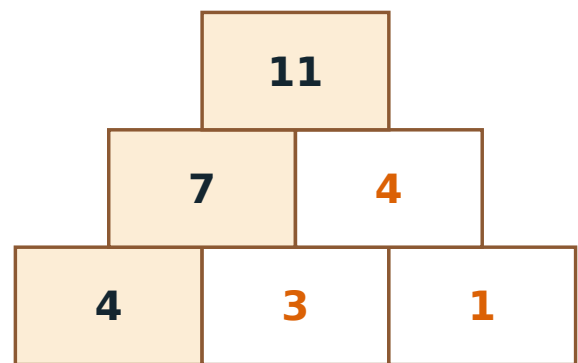
02



03



04



05 Open task: checking criteria

Every brick in the partner's wall equals the sum of the two below it, and the three bricks left blank can be found one at a time. Many different walls are correct.



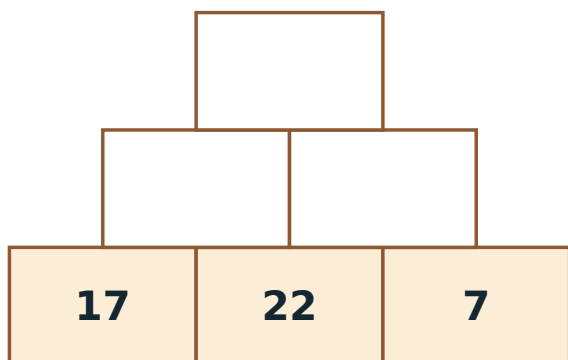
Build the Number Wall

Grade 2 | 2026-10-30 | Worksheet

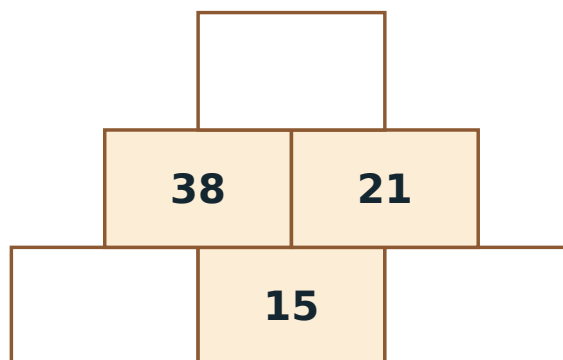
In a number wall, each brick is the sum of the two bricks directly below it. Fill in every empty brick. If you know a brick and one of the two bricks under it, subtract to find the other one.

Add going up, subtract going down. Start with a brick that has two filled neighbours.

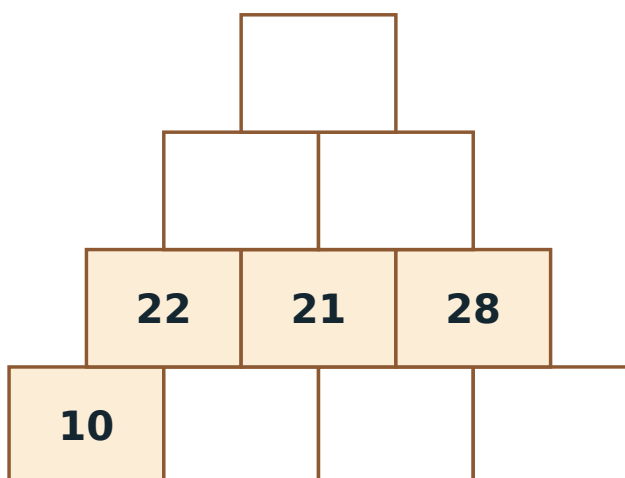
01



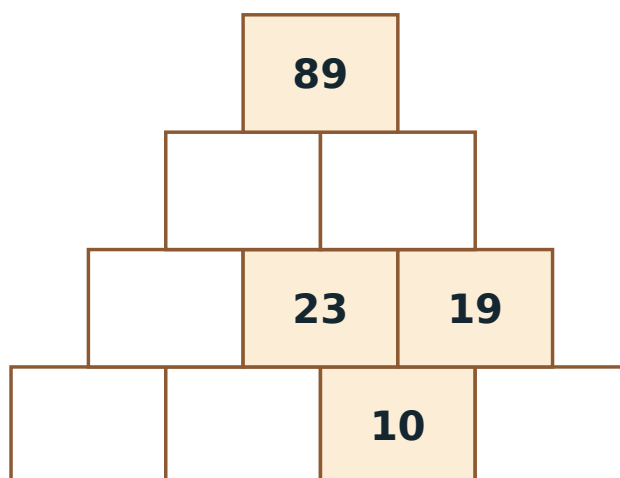
02



03

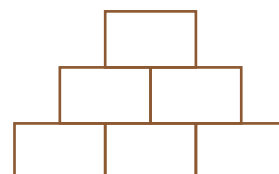


04



05 Your turn to design

Write three numbers in the bottom row of the empty wall and build it up. Then erase three bricks so a partner can still rebuild it.

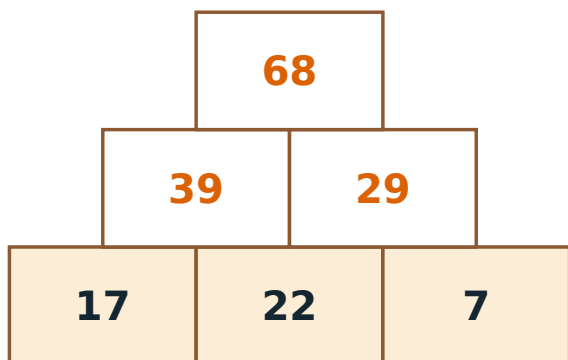


Build the Number Wall

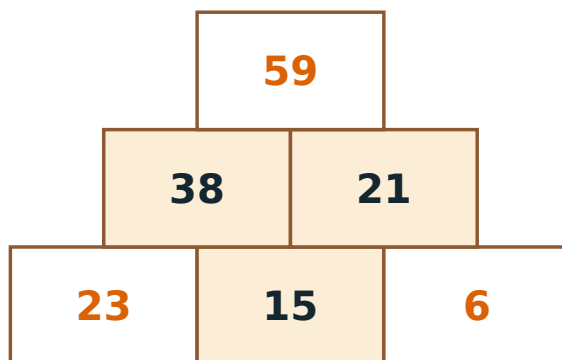
Grade 2 | 2026-10-30 | Answer key

Orange numbers are the bricks that were empty. Check any brick: it must equal the sum of the two bricks below it.

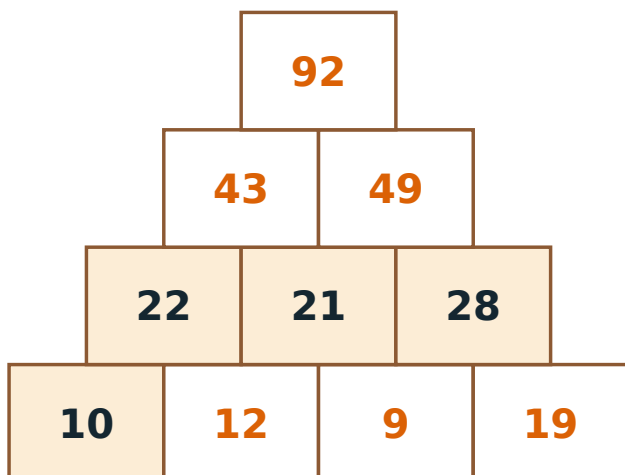
01



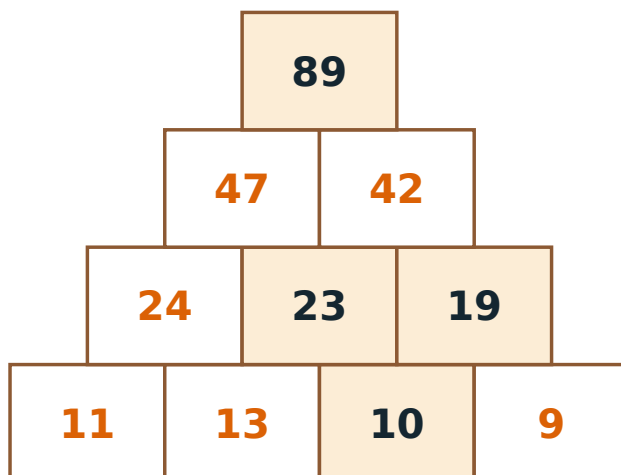
02



03



04



05 Open task: checking criteria

Every brick in the partner's wall equals the sum of the two below it, and the three bricks left blank can be found one at a time. Many different walls are correct.



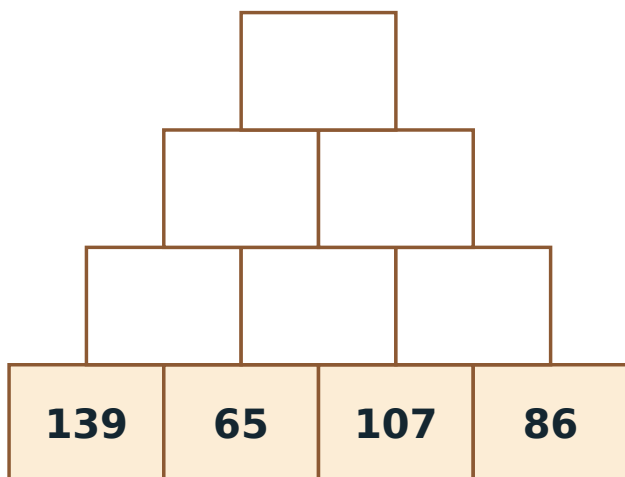
Build the Number Wall

Grade 3 | 2026-10-30 | Worksheet

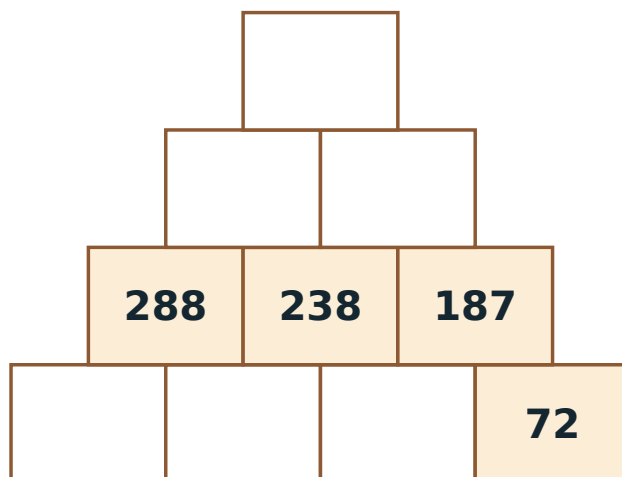
In a number wall, each brick is the sum of the two bricks directly below it. Fill in every empty brick. If you know a brick and one of the two bricks under it, subtract to find the other one.

Three-digit sums: work across each row, and use subtraction where the bottom is missing.

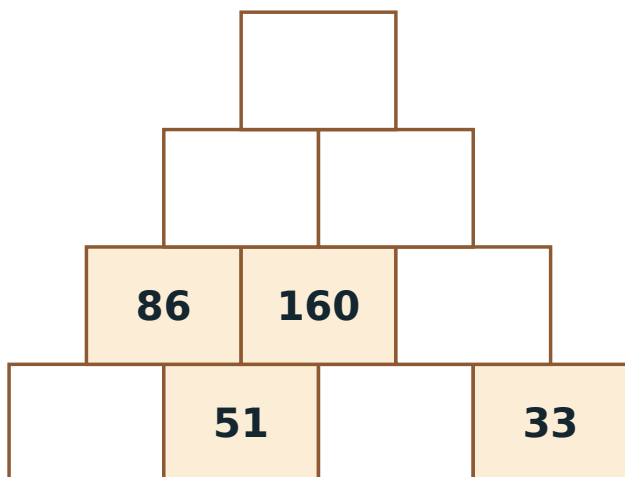
01



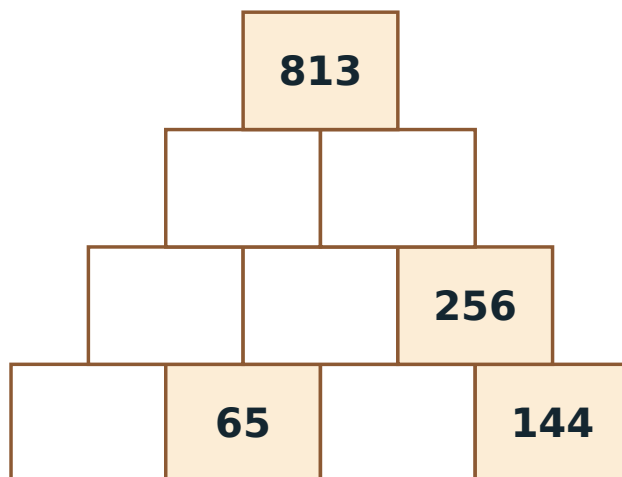
02



03

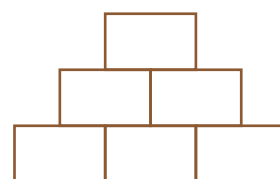


04



05 Your turn to design

Write three numbers in the bottom row of the empty wall and build it up. Then erase three bricks so a partner can still rebuild it.

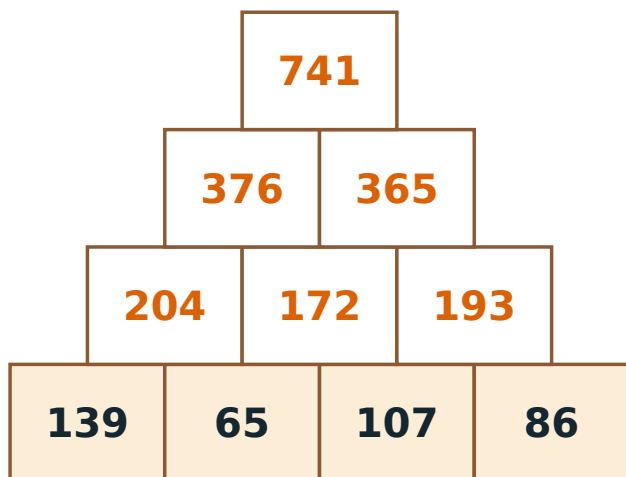


Build the Number Wall

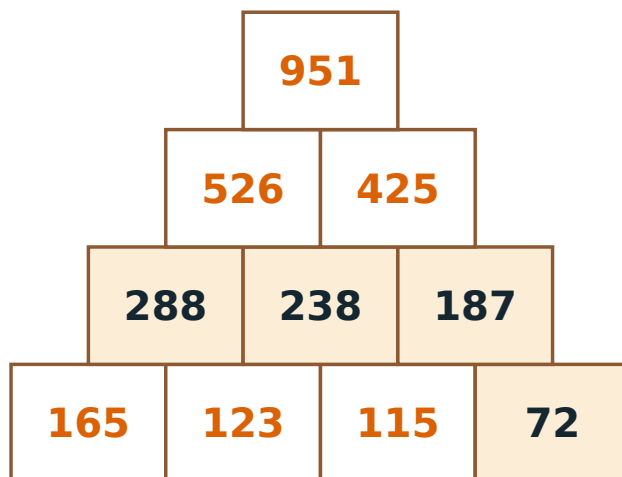
Grade 3 | 2026-10-30 | Answer key

Orange numbers are the bricks that were empty. Check any brick: it must equal the sum of the two bricks below it.

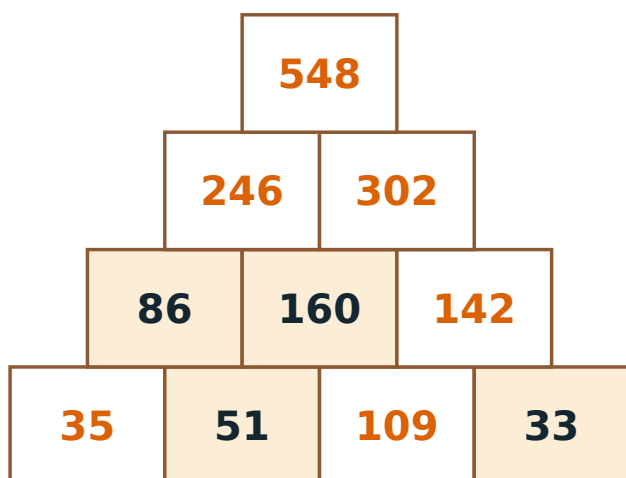
01



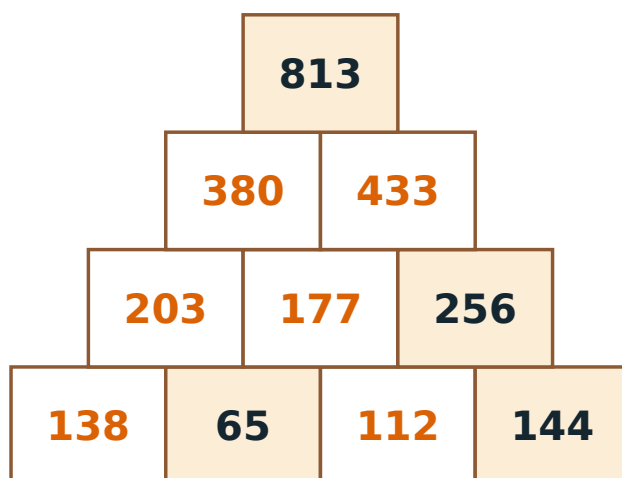
02



03



04



05 Open task: checking criteria

Every brick in the partner's wall equals the sum of the two below it, and the three bricks left blank can be found one at a time. Many different walls are correct.



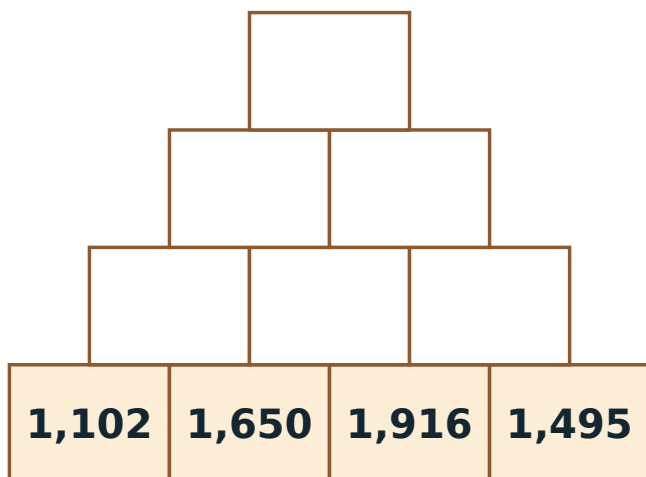
Build the Number Wall

Grade 4 | 2026-10-30 | Worksheet

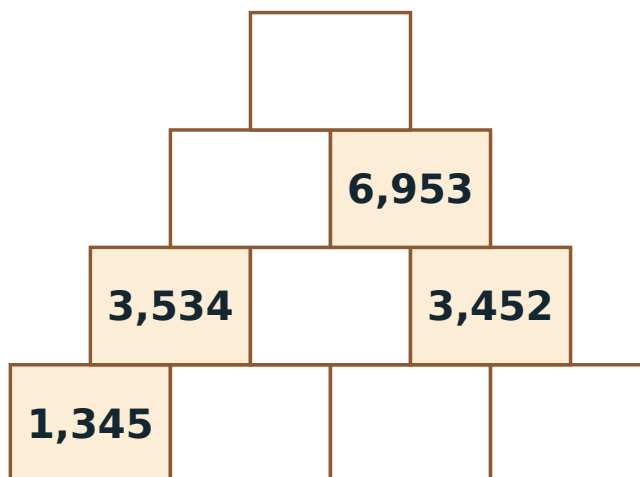
In a number wall, each brick is the sum of the two bricks directly below it. Fill in every empty brick. If you know a brick and one of the two bricks under it, subtract to find the other one.

Large numbers: line up the place values carefully. Two walls need you to work downward.

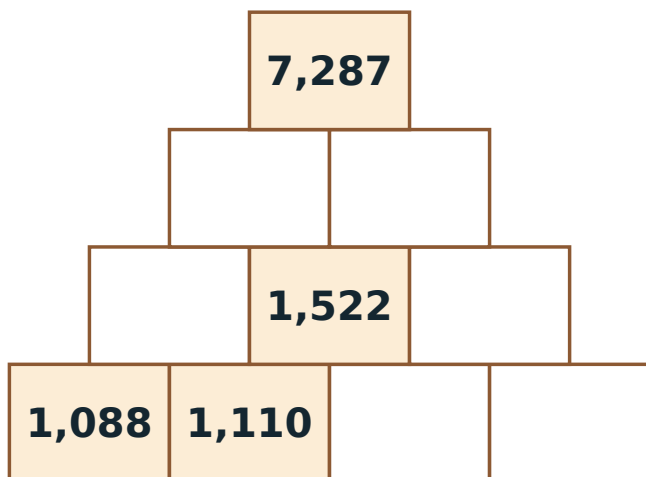
01



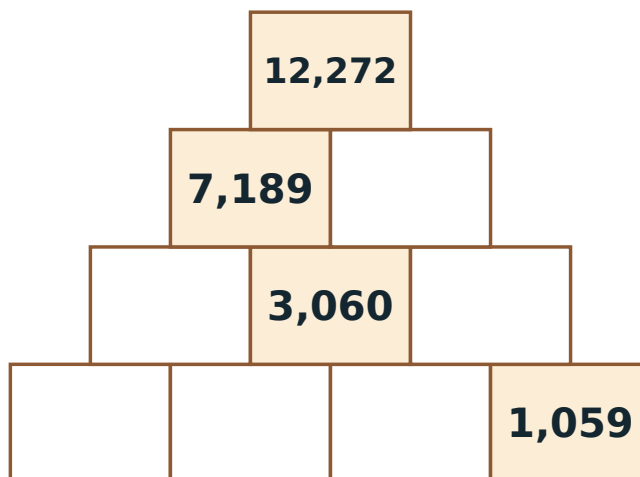
02



03

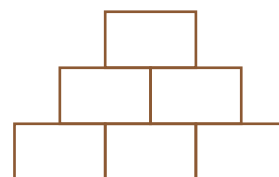


04



05 Your turn to design

Write three numbers in the bottom row of the empty wall and build it up. Then erase three bricks so a partner can still rebuild it.

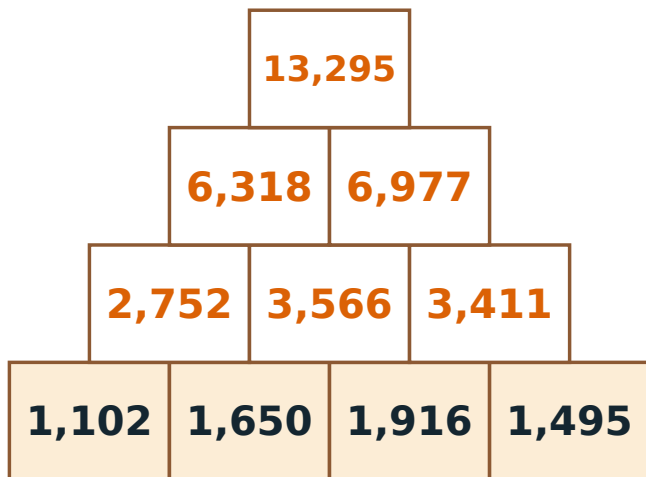


Build the Number Wall

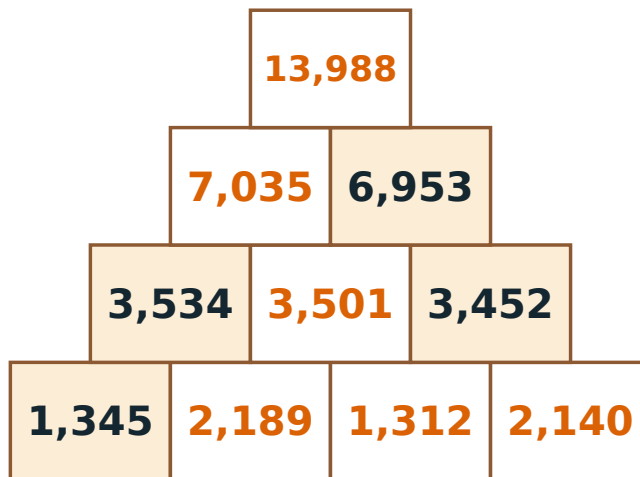
Grade 4 | 2026-10-30 | Answer key

Orange numbers are the bricks that were empty. Check any brick: it must equal the sum of the two bricks below it.

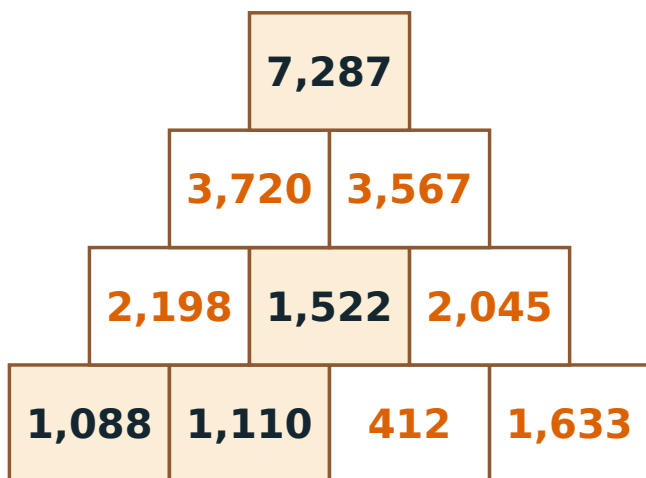
01



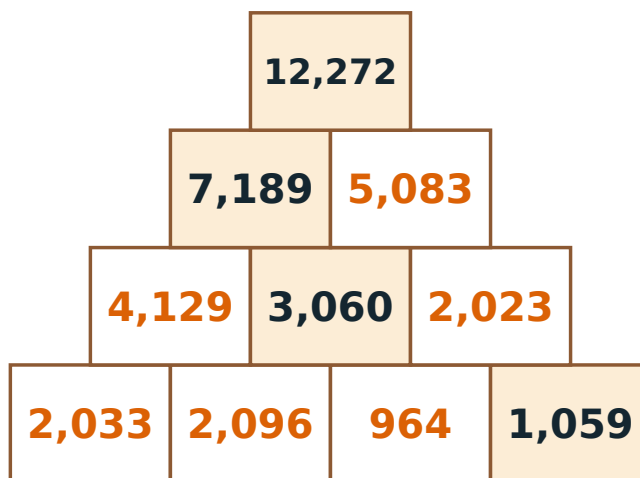
02



03



04



05 Open task: checking criteria

Every brick in the partner's wall equals the sum of the two below it, and the three bricks left blank can be found one at a time. Many different walls are correct.



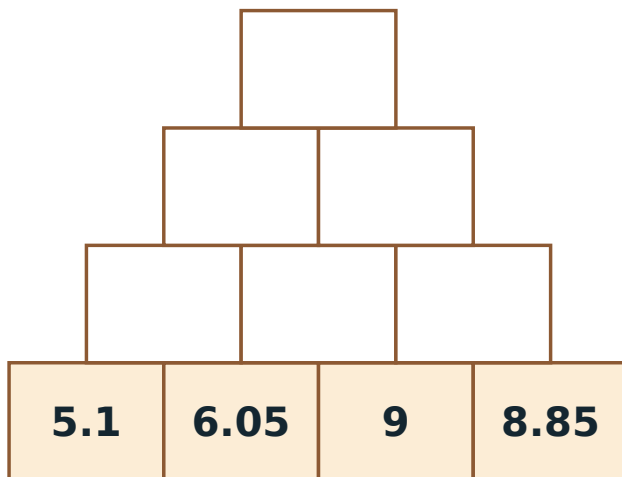
Build the Number Wall

Grade 5 | 2026-10-30 | Worksheet

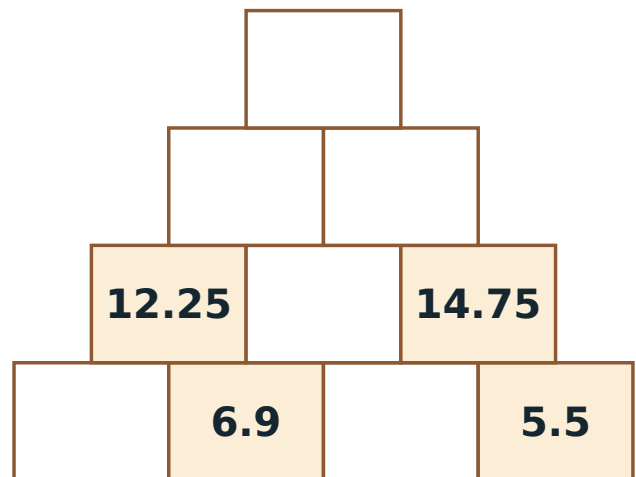
In a number wall, each brick is the sum of the two bricks directly below it. Fill in every empty brick. If you know a brick and one of the two bricks under it, subtract to find the other one.

Decimals: line up the decimal points. Check each answer by adding the two bricks below it.

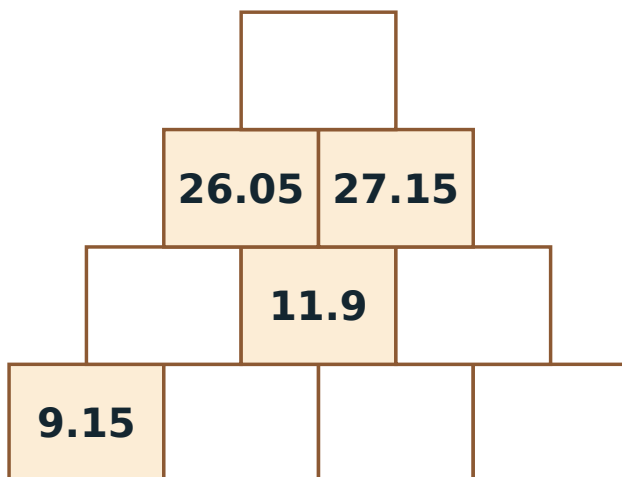
01



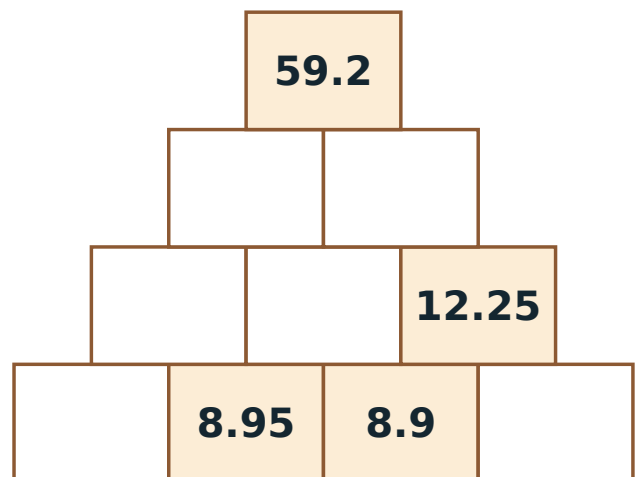
02



03

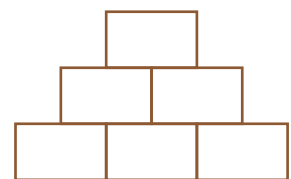


04



05 Your turn to design

Write three numbers in the bottom row of the empty wall and build it up. Then erase three bricks so a partner can still rebuild it.

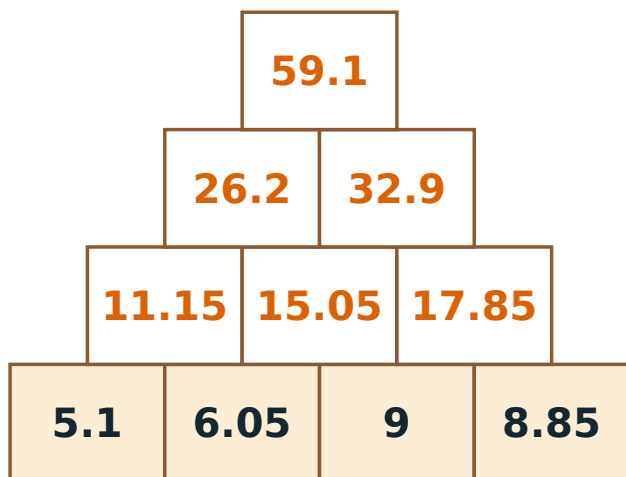


Build the Number Wall

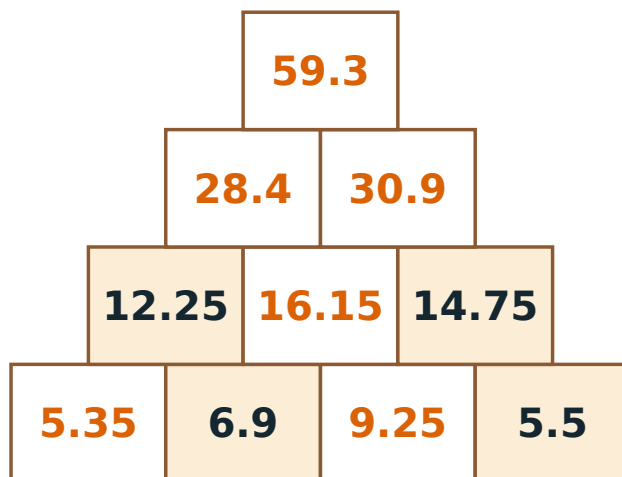
Grade 5 | 2026-10-30 | Answer key

Orange numbers are the bricks that were empty. Check any brick: it must equal the sum of the two bricks below it.

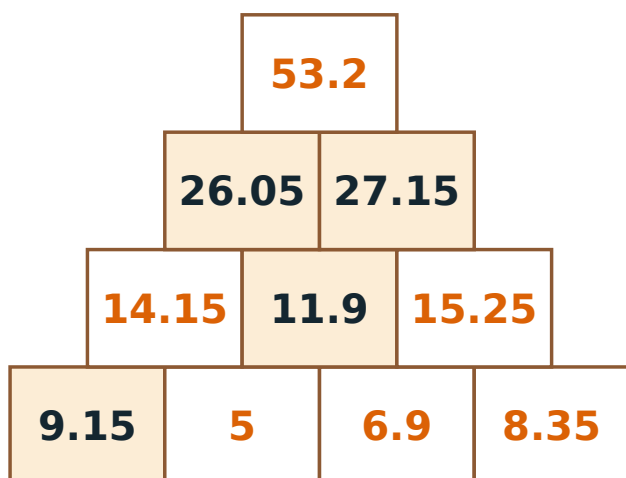
01



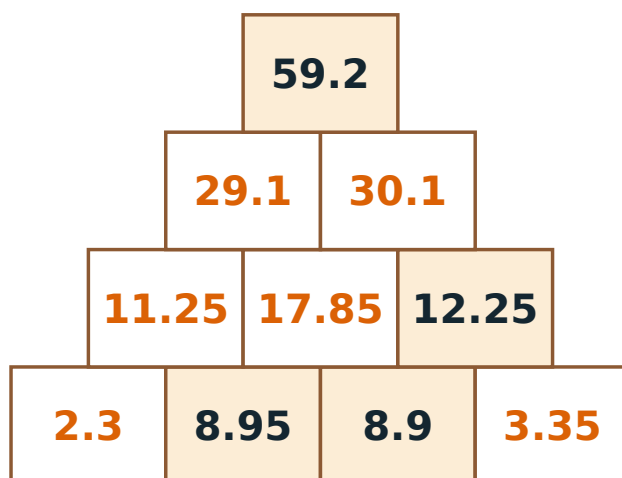
02



03



04



05 Open task: checking criteria

Every brick in the partner's wall equals the sum of the two below it, and the three bricks left blank can be found one at a time. Many different walls are correct.



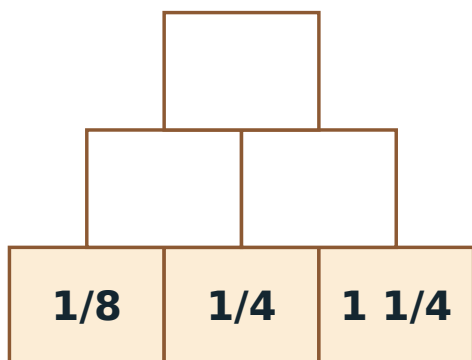
Build the Number Wall

Grade 6 | 2026-10-30 | Worksheet

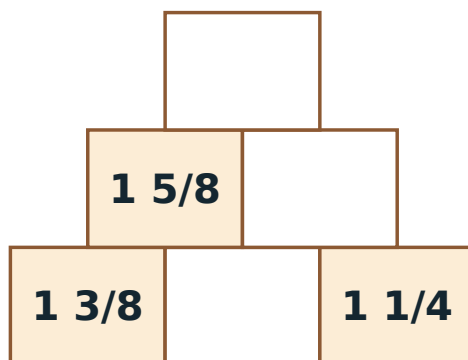
In a number wall, each brick is the sum of the two bricks directly below it. Fill in every empty brick. If you know a brick and one of the two bricks under it, subtract to find the other one.

Fractions: use a common denominator, then simplify. Write answers greater than 1 as mixed numbers.

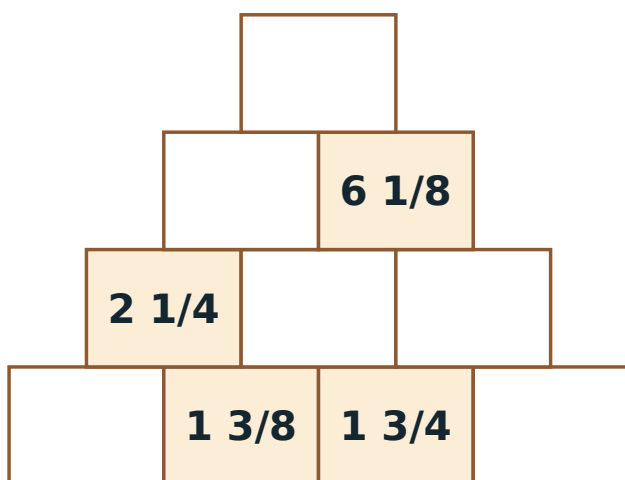
01



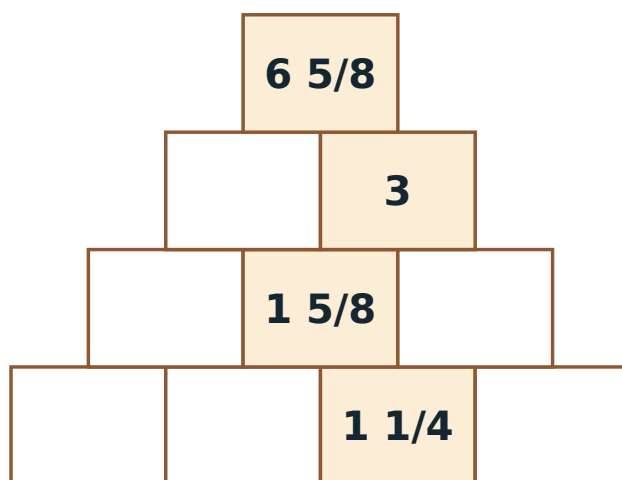
02



03

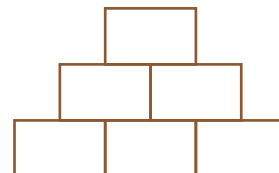


04



05 Your turn to design

Write three numbers in the bottom row of the empty wall and build it up. Then erase three bricks so a partner can still rebuild it.

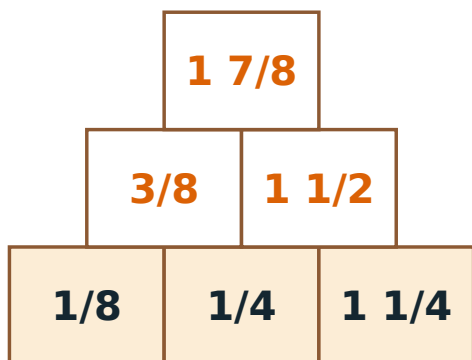


Build the Number Wall

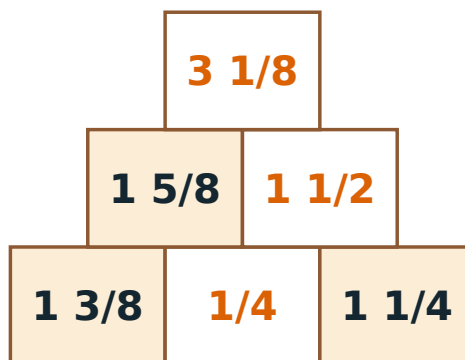
Grade 6 | 2026-10-30 | Answer key

Orange numbers are the bricks that were empty. Check any brick: it must equal the sum of the two bricks below it.

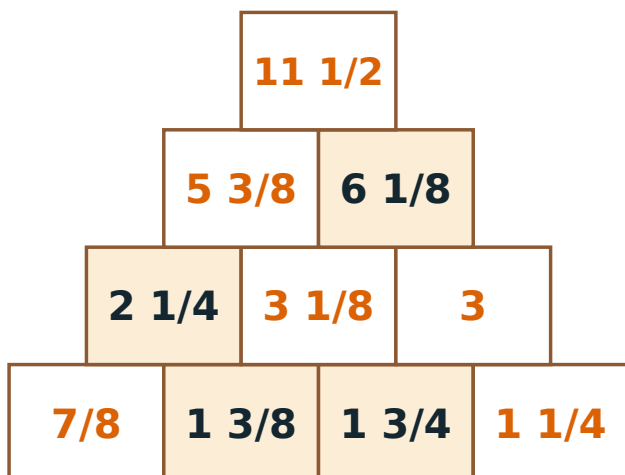
01



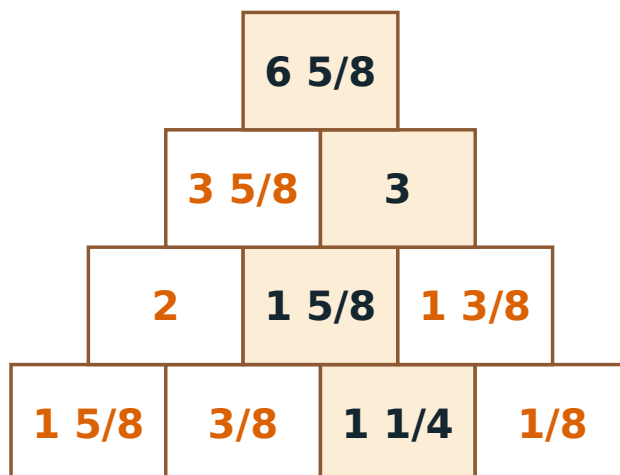
02



03



04



05 Open task: checking criteria

Every brick in the partner's wall equals the sum of the two below it, and the three bricks left blank can be found one at a time. Many different walls are correct.



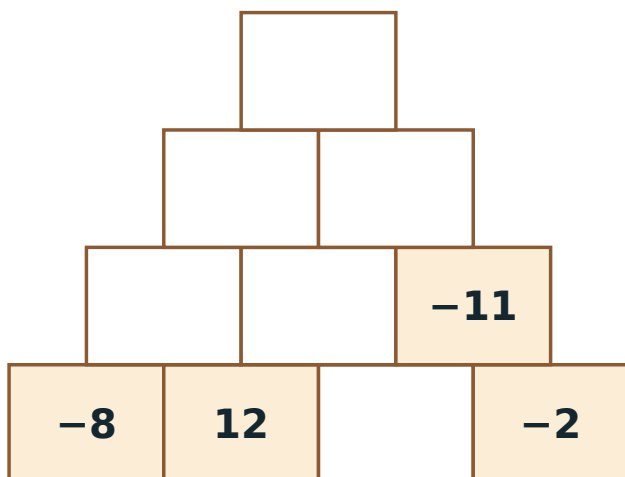
Build the Number Wall

Grade 7 | 2026-10-30 | Worksheet

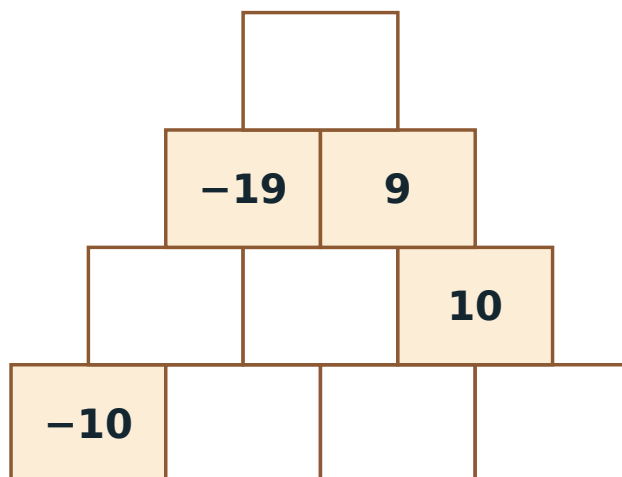
In a number wall, each brick is the sum of the two bricks directly below it. Fill in every empty brick. If you know a brick and one of the two bricks under it, subtract to find the other one.

Integers: bricks can be negative. Remember that subtracting a negative number adds.

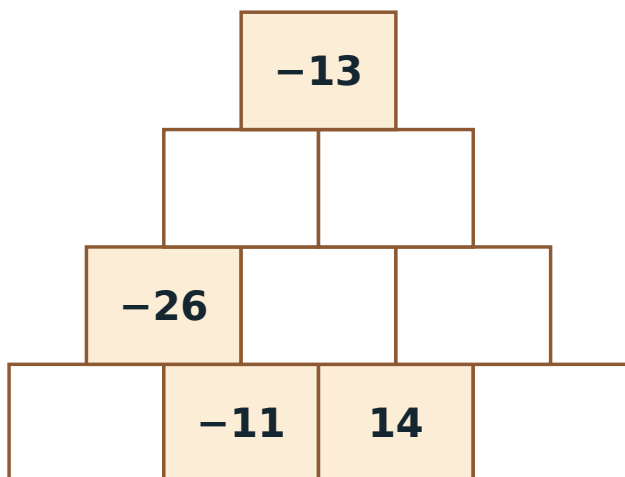
01



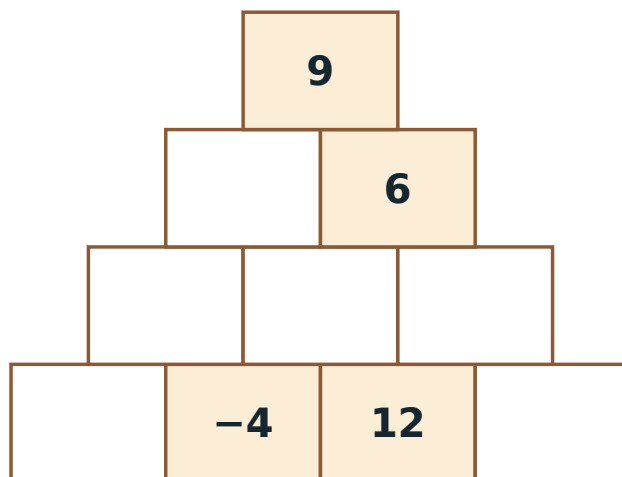
02



03

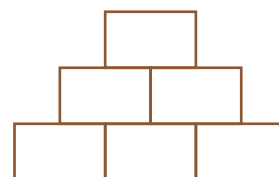


04



05 Your turn to design

Write three numbers in the bottom row of the empty wall and build it up. Then erase three bricks so a partner can still rebuild it.

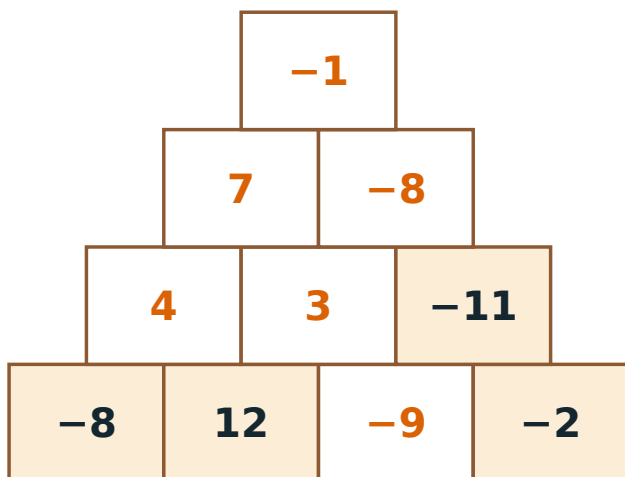


Build the Number Wall

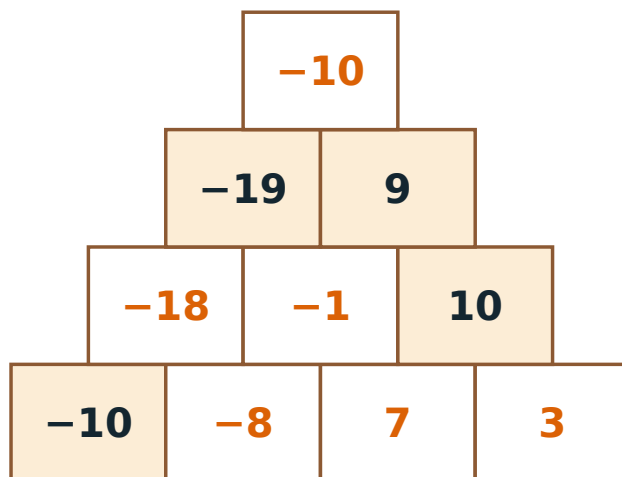
Grade 7 | 2026-10-30 | Answer key

Orange numbers are the bricks that were empty. Check any brick: it must equal the sum of the two bricks below it.

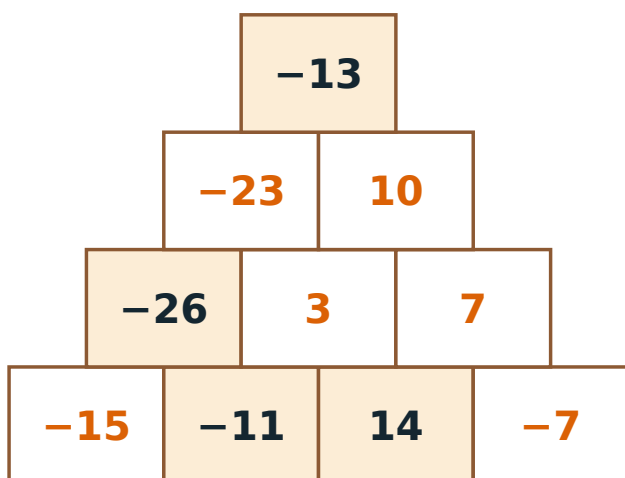
01



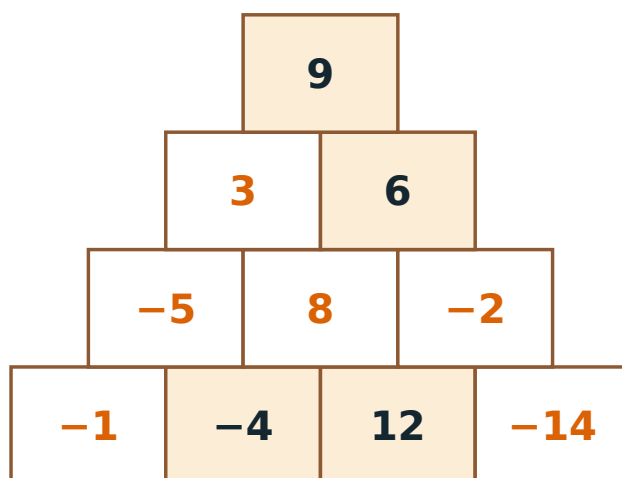
02



03



04



05 Open task: checking criteria

Every brick in the partner's wall equals the sum of the two below it, and the three bricks left blank can be found one at a time. Many different walls are correct.



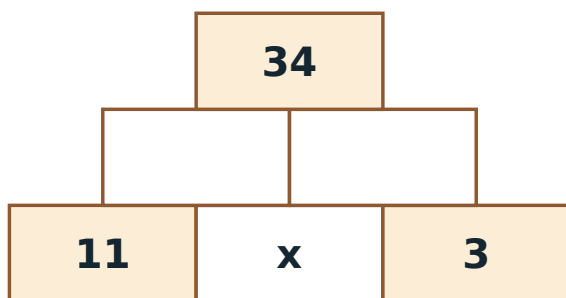
Build the Number Wall

Grade 8 | 2026-10-30 | Worksheet

In a number wall, each brick is the sum of the two bricks directly below it. Fill in every empty brick. If you know a brick and one of the two bricks under it, subtract to find the other one.

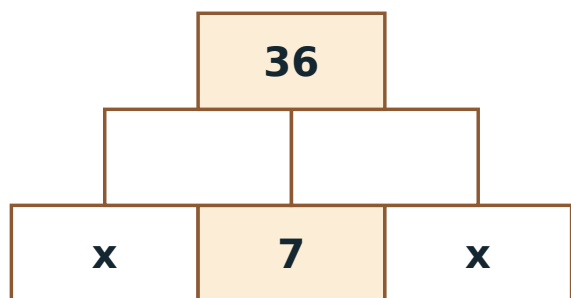
Each wall hides an unknown x in the bottom row (the same number wherever x appears). Write an equation for the top brick, solve for x , then fill the wall.

01



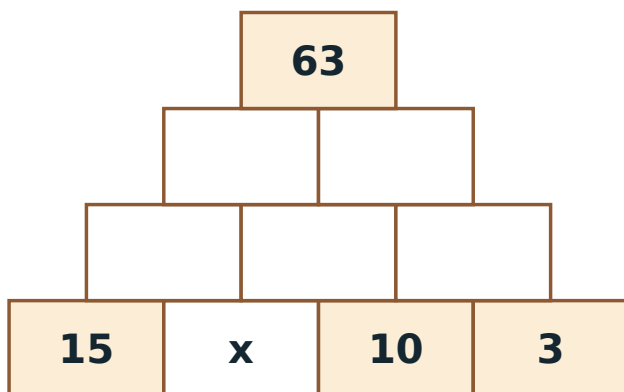
$$x = \underline{\hspace{2cm}}$$

02



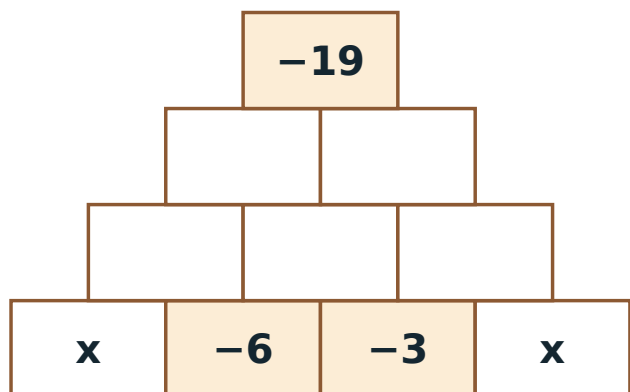
$$x = \underline{\hspace{2cm}}$$

03



$$x = \underline{\hspace{2cm}}$$

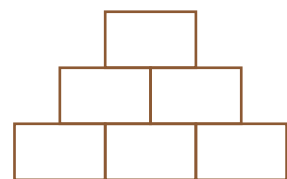
04



$$x = \underline{\hspace{2cm}}$$

05 Your turn to design

Write three numbers in the bottom row of the empty wall and build it up. Then erase three bricks so a partner can still rebuild it.

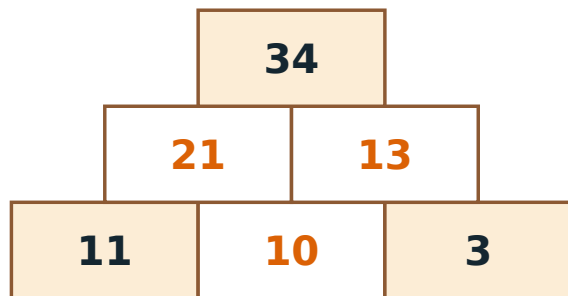


Build the Number Wall

Grade 8 | 2026-10-30 | Answer key

Orange numbers are the bricks that were empty. Check any brick: it must equal the sum of the two bricks below it.

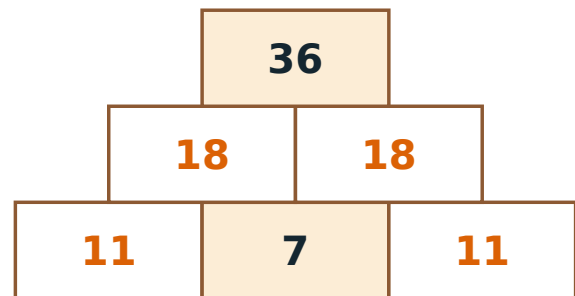
01



$$x = 10$$

$$2x + 14 = 34$$

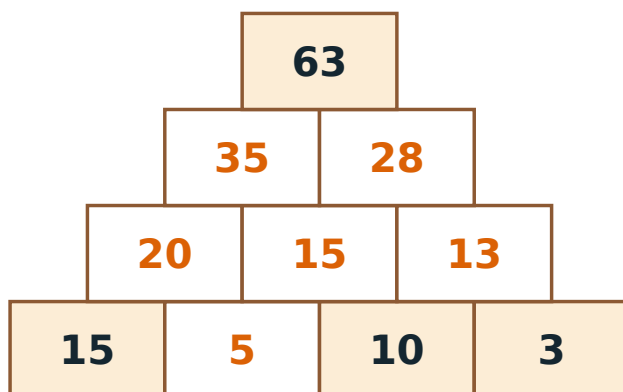
02



$$x = 11$$

$$2x + 14 = 36$$

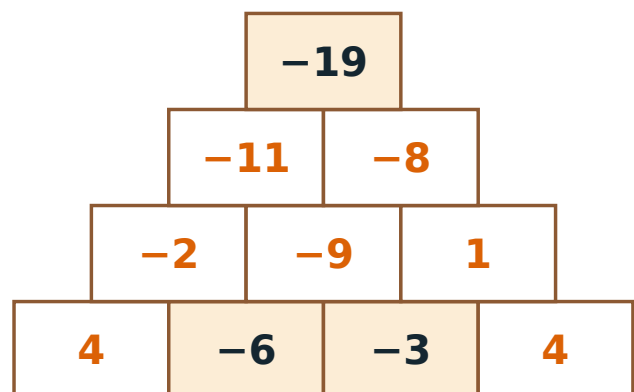
03



$$x = 5$$

$$3x + 48 = 63$$

04



$$x = 4$$

$$2x - 27 = -19$$

05 Open task: checking criteria

Every brick in the partner's wall equals the sum of the two below it, and the three bricks left blank can be found one at a time. Many different walls are correct.

