

Game instruction

Pour all yellow, green, blue, and red balls into the container. Begin the task by arranging the balls as shown on the card with ball sequences and riddle. Then read the task and complete it using the hand indicated by the “handedness” card.

Game objective:

Arrange balls in a sequence and solve math riddles.

Materials needed:

- yellow, green, blue and red mini-Eduball balls,
- ball storage container,
- ball stands (number depends on the sequence length),
- cards with ball sequences and riddles,
- “handedness” cards.

1. Complete the inequality so that it is true.

$$8 : 4 + 5 > ?$$

2. Swap two balls on the stands so that the sum of the numbers on one side equals the sum on the other side.
The red ball must remain in place.

$$0 \quad 1 \quad 2 \quad 2 \quad 4 \quad = \quad 8 \quad 8 \quad 9$$

3. Add one ball so that the sums on both sides of the equation match.

$$\textcircled{2} \textcircled{5} \textcircled{6} \textcircled{7} = \textcircled{9} \textcircled{8} \textcircled{1}$$

4. Move two balls to the other side of the equation to make it correct.

$$\textcircled{6} + \textcircled{4} \cdot \textcircled{5} = \textcircled{6} + \textcircled{8}$$

5. Complete the equation with the appropriate mathematical signs.

$$\textcircled{2} \textcircled{?} \textcircled{8} \textcircled{?} \textcircled{2} \textcircled{?} \textcircled{5}$$

6. Complete the inequality with the appropriate mathematical signs.

$$\bigcirc 3 \bigcirc ? \bigcirc 8 \bigcirc ? \bigcirc 7$$

7. Complete the inequality with the appropriate mathematical signs.

$$\textcircled{8} \textcircled{?} \textcircled{2} \textcircled{?} \textcircled{1} \textcircled{?} \textcircled{3}$$

8. Complete the equation with the appropriate mathematical signs.

$$\textcircled{2} \textcircled{?} \textcircled{3} \textcircled{?} \textcircled{6}$$

9. Complete the equation with the appropriate numbers.

$$\textcircled{?} + \textcircled{?} : \textcircled{?} = \textcircled{?}$$

10. Complete the inequality with the appropriate numbers.

$$\textcircled{?} \times \textcircled{?} < \textcircled{?} : \textcircled{?}$$