

Three classroom questions

Read each question. The matching answer key is on page 2.

1. Solve the equation.

$2x + 3 = 7$

Find the value of x.

2. Which fraction is equal to one half?

- A. $\frac{1}{3}$
- B. $\frac{2}{4}$
- C. $\frac{3}{4}$
- D. $\frac{4}{5}$

3. Count the counters in both trays.

The table shows how many counters are in each tray.

Tray	Counters
A	4
B	6

How many counters are there altogether?

Answer key

Answers and explanations for the three questions on source page 1.

1. Answer: $x = 2$.

Subtract 3 from both sides: $2x = 4$.

Divide both sides by 2: $x = 2$.

2. Answer: B.

The fraction $\frac{2}{4}$ simplifies to $\frac{1}{2}$.

The numerator and denominator are both divided by 2.

3. Answer: 10 counters.

Add the two table values: $4 + 6 = 10$.