

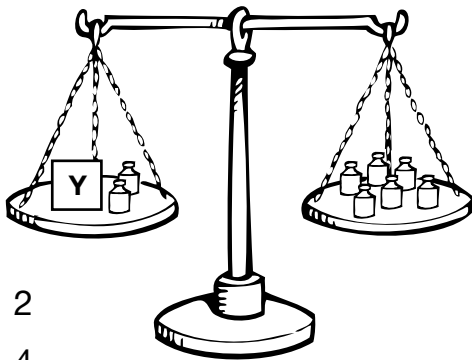
Mark the best answer.

- 1** Find the missing number that makes the equation true. (13-1)

$$(7 + 3) \div 5 = \square \div 5$$

- A 20
B 10
C 7
D 3

- 2** How many counters equal the weight of box *y*? (13-2)



- A 2
B 4
C 6
D 8

- 3** Rita made 6 identical sandwiches. She used a total of 18 slices of cheese. How many slices did each sandwich have? Let s = the number of cheese slices in each sandwich. Use the equation $6 \times s = 18$ to solve the problem. (13-3)

- A 108 slices
B 18 slices
C 6 slices
D 3 slices

- 4** What value makes the equation true? (13-2)

$$x - 16 = 29$$

- A $x = 45$
B $x = 23$
C $x = 13$
D $x = 3$

- 5** Which number makes the equation true? (13-1)

$$14 \div \square = (7 \times 2) \div 7$$

- A 7
B 8
C 16
D 18

- 6** Which equation is true? (13-1)

- A $64 \div 8 \times 8 = 8 \times 5$
B $64 \div 8 - 8 = 8 - 8$
C $64 \div 8 + 8 = 8 \div 8$
D $64 \div 8 \div 8 = 8 \div 1$

- 7 Which equation would be used to solve the problem below?

There are 28 students on a field trip. Each tour group has 7 students. How many tour groups are on the field trip? (13-4)

- A $28 \times 7 = g$
B $7 \div 28 = g$
C $g \div 7 = 28$
D $28 \div 7 = g$

- 8 A baker can put 8 cupcakes in 1 box. She has 14 boxes in total. The baker used the equation $p \div 14 = 8$ to find the number of cupcakes she can put in all the boxes. What should she do to find the value of p ? (13-3)

- A Divide each side by 8.
B Divide each side by 14.
C Multiply each side by 8.
D Multiply each side by 14.

- 9 The equation below shows that the Red Team and Blue Team had the same total after each team scored some points, lost some points, and then scored more points.

$21 - 8 + 3 = 47 - \square + 3$

How many points did the Red Team lose? (13-1)

- A 54
B 44
C 34
D 14
- 10 What is the value of b ? (13-2)

$$b + 33 = 48$$

- A 15
B 9
C 6
D 3

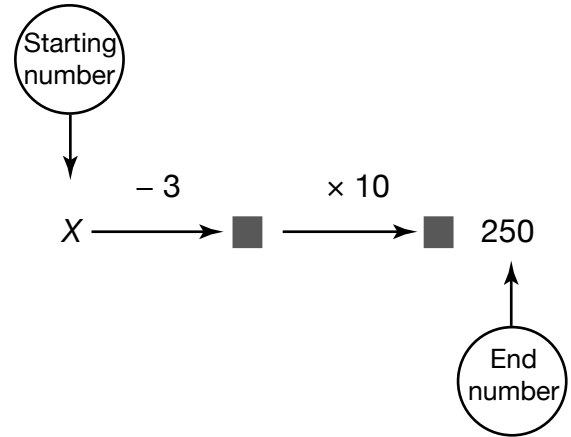
11 A zoo had 17 animals in the primate house. The primate house had 9 chimpanzees and some apes. Which equation would find how many apes, a , were in the primate house? (13-4)

- A $17 - a = 9$
- B $9 \times a = 17$
- C $a - 9 = 17$
- D $9 + 17 = a$

12 If $x + 11 = y + 11$, which statement is true? (13-2)

- A $x > y$
- B $x = y$
- C $x = y + 11$
- D $x = y - 11$

13 What is the value of x in the diagram below? (13-5)



- A 22
- B 25
- C 28
- D 31