

Challenge 1

1

$$80$$
$$8 \times \square$$

2

$$\square$$
$$4 \times 8$$

3

$$12$$
$$\square \times 3$$

4

$$6$$
$$3 \times \square$$

5

$$\square$$
$$8 \times 2$$

6

$$3$$
$$\square \times 1$$

7

$$20$$
$$4 \times \square$$

8

$$\square$$
$$4 \times 4$$

9

$$24$$
$$\square \times 3$$

10

$$96$$
$$8 \times \square$$

11

$$\square$$
$$4 \times 7$$

12

$$88$$
$$\square \times 11$$

## Challenge 2

### I'm Thinking of a Number

Use the inverse operation to work backwards and find the original number.

Example:

Samiya is thinking of a number. She multiplies it by 4 and her new number is 48. What number was she first thinking of?



Questions:

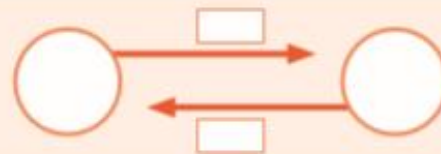
- 1 Nat is thinking of a number. He multiplies it by 3 and his new number is 27. What number was he first thinking of?



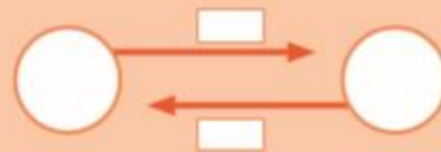
- 2 Shahid is thinking of a number. He divides it by 4 and his new number is 11. What number was he first thinking of?



- 3 Esme is thinking of a number. She divides it by 8 and her new number is 5. What number was she first thinking of?



- 4 Taylor is thinking of a number. He multiplies it by 3 and his new number is 24. What number was he first thinking of?



- 5 Levi is thinking of a number. He multiplies it by 8 and his answer is 32. What number was he first thinking of?

- 6 Vivi is thinking of a number. She multiplies it by 3 and her new number is 12. What number was she first thinking of?

