

MATC9 Ch5.2 Key Concepts 1 Multiplication as Repeated Addition Worked Example

Example: Express $5 \times (-1)$ as a repeated addition.

Solution: The multiplier is 5. Therefore, -1 must be added five times.

$$5 \times (-1) = (-1) + (-1) + (-1) + (-1) + (-1)$$

Practice:

1. Express $4 \times (5)$ as a repeated addition.

2. Express $6 \times (-2)$ as a repeated addition.

Answers: 1. $5 + 5 + 5 + 5$. 2. $(-2) + (-2) + (-2) + (-2) + (-2) + (-2)$.