Signed Integer Arithmetic Worksheets

ANSWER / CASE 1

Calculate (-3) + 7. Explain the sign of the result.



ANSWER: 4
1. Adding a positive number moves right on a number line.
2. The result is 4.

Signed Integer Arithmetic Worksheets

ANSWER / CASE 2

Calculate (-4) - 8. Explain the sign of the result.



ANSWER: -12
1. Subtracting a positive number moves left on a number line.
2. The result is -12.

Signed Integer Arithmetic Worksheets

ANSWER / CASE 3

Calculate (-5) * 9. Explain the sign of the result.

First operand	Operation	Second operand
-5	*	9

ANSWER: -45
1. A negative number times a positive number gives a negative product.
2. The result is -45.

Signed Integer Arithmetic Worksheets

ANSWER / CASE 4

Calculate (-24) / 4. Explain the sign of the result.

First operand	Operation	Second operand
-24	/	4

ANSWER: -6
1. A negative number divided by a positive number gives a negative quotient.
2. The result is -6.