

N1 Fiche 1 : additionner et soustraire des nombres relatifs (1)

1 Effectue les calculs suivants.

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|---------------------|--------------|----------------------|---------------|
| a. $(-10) + (-1) =$ | (-11) | f. $(+0,8) + (+3) =$ | (+3,8) |
| b. $(+13) + (-6) =$ | (+7) | g. $(+1,5) + (-4) =$ | (-2,5) |
| c. $(+5) + (+5) =$ | (+10) | h. $(-2) + (+5,5) =$ | (+3,5) |
| d. $(-13) + (+6) =$ | (-7) | i. $(-1) + (-4,1) =$ | (-5,1) |
| e. $(+1) + (-1) =$ | 0 | j. $(-5) + (-0,4) =$ | (-5,4) |

2 Complète.

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|------------------------|------------------------|
| a. $(+4) + (+5) = 9$ | e. $(-6) + (+6) = 0$ |
| b. $(+6) + (-15) = -9$ | f. $(0) + (-8) = -8$ |
| c. $(-6) + (+1) = -5$ | g. $(-4) + (+11) = 7$ |
| d. $(+15) + (-14) = 1$ | h. $(+15) + (-11) = 4$ |

3 Effectue les calculs suivants.

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|----------------------|--------------|----------------------|----------------|
| a. $(-6) - (-9) =$ | (+3) | e. $(-0,1) - (-2) =$ | (+1,9) |
| b. $(-3) - (-5) =$ | (+2) | f. $(+6,5) - (+1) =$ | (+5,5) |
| c. $(+15) - (-15) =$ | (+30) | g. $(-1) - (+9,5) =$ | (-10,5) |
| d. $(-15) - (+17) =$ | (-32) | h. $(+0,3) - (-6) =$ | (+6,3) |

4 Complète.

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|------------------------|------------------------|
| a. $(+3) - (-6) = 9$ | d. $(+21) - (+12) = 9$ |
| b. $(+5) - (+4) = 1$ | e. $(+14) - (+14) = 0$ |
| c. $(-4) - (+7) = -11$ | f. $(-3) - (-7) = 4$ |

5 Effectue les calculs suivants.

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|-----------------|------------|--------------------|-------------|
| a. $4 - 19 =$ | -15 | e. $-2,5 - 2,5 =$ | -5 |
| b. $-18 + 13 =$ | -5 | f. $-0,1 + 100 =$ | 99,9 |
| c. $-8 - 3 =$ | -11 | g. $0,3 - 7,3 =$ | -7 |
| d. $-11 + 11 =$ | 0 | h. $-0,5 - 19,5 =$ | -20 |

6 Complète.

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|--------------------|-------------------|
| a. $7 + 5 = 12$ | e. $-7 + 7 = 0$ |
| b. $-10 + 0 = -10$ | f. $-8 + 1 = -7$ |
| c. $-4 + 14 = 10$ | g. $-9 - 3 = -12$ |
| d. $-5 - 6 = -11$ | h. $16 - 17 = -1$ |

7 Effectue les calculs suivants.

$$\begin{aligned} A &= (-14) + (+16) + (-3) \\ A &= \textcolor{red}{(-17)} + (+16) \\ A &= \textcolor{red}{-1} \\ B &= (+4,5) + (-16) + (-3,5) + (-3) + (+2,5) \\ B &= \textcolor{red}{(-22,5)} + (+7) \\ B &= \textcolor{red}{-15,5} \end{aligned}$$

$$\begin{aligned} C &= (-7) - (+11) - (-1) \\ C &= \textcolor{red}{(-18)} + (+1) \\ C &= \textcolor{red}{-17} \end{aligned}$$

$$\begin{aligned} D &= (+2) - (-6) + (-3) - (-7) + (+12) - (+9) \\ D &= \textcolor{red}{(+2)} + (+6) + (-3) + (+7) + (+12) + (-9) \\ D &= \textcolor{red}{(-12)} + (+27) \\ D &= \textcolor{red}{15} \\ E &= (-2) - (-1) - 5 + 4 + 77 \\ E &= \textcolor{red}{-2 + 1 - 5 + 4 + 77} \\ E &= \textcolor{red}{-7 + 82} \\ E &= \textcolor{red}{75} \end{aligned}$$

8 Effectue les calculs suivants.

$$F = (+2) - (-8) + (-6) - (+9)$$

$$F = \textcolor{red}{2} + 8 - 6 - 9$$

$$F = \textcolor{red}{10} - 15$$

$$F = \textcolor{red}{-5}$$

$$G = (-11) - (-4) + (-1) - (+5)$$

$$G = \textcolor{red}{-11 + 4 - 1 - 5}$$

$$G = \textcolor{red}{-17 + 4}$$

$$G = \textcolor{red}{-13}$$

$$H = (-13) - (-15) - (-20) + (+25)$$

$$H = \textcolor{red}{-13 + 15 + 20 + 25}$$

$$H = \textcolor{red}{-13 + 60}$$

$$H = \textcolor{red}{47}$$